

CEPIUG 15th Year Anniversary Conference

Speakers & Abstracts

Day 1 – Sunday 17th

Workshops session

Introduction by

[Guido Moradei](#), AIDB

Guido is an Italian and European IP attorney whose activity is focused on providing information and analysis, particularly in the field of engineering and design.

He is a member of the Editorial Advisory Board of the World Patent Information journal and editor of the special issue about Industrial Design Intellectual Property and Information Retrieval. Often a speaker or chairman in international conferences and meetings, he authors papers and collaborates with IP Offices in advisory bodies like the SACEPO/PDI (EPO), and the WIPO Committee of Standards and as an advisor in IP-related projects. Guido is a Qualified Patent Information Professional (QPIP) and a proactive member of the community of IP information specialists: president of the Italian user group AIDB, former board member of the CEPIUG and PIUG member for more than 20 years.

WIPO Standards: Harmonizing the future of patent information

Arndt Mecke, Patent Analyst, Siemens AG, PDG delegate in CWS Task Forces

Arndt Mecke is a Mineralogist by education and started working for Siemens' patent information department in 2001, after working in IT for different SMEs.

Siemens' Munich based patent information department is operating an in-house patent database accessible to everyone in the company. Arndt and his colleagues offer custom made alert services as well as education and training for the in-house system. Arndt is also deputy chairman of the PDG working group IMPACT.

Abstract

WIPO (World Intellectual Property Organization) Standards lead a hidden life right before our eyes. Anyone who is dealing with patent information is constantly using WIPO Standards, but we are rarely aware of it.

WIPO Standards are essential for the interoperability of patent offices, like:

- If it is not clear in which country the priority has been filed, how should the content be verified?

- If data is transmitted in formats that are only comprehensible to the sender, how much effort should a receiving patent office put into granting the applicant local protection?

WIPO Standards come with humble IDs, like ST.3 or ST.26, but they are powerful devices making the life easier for offices, as well as patent information professionals, even if they are not binding for individual patent offices.

This talk will look at the history of WIPO Standards and explains how “anyone” can observe and even influence the creation of WIPO Standards through “CWS Task Forces”.

Based on the general overview, the talk will take a closer look at three recent WIPO projects managed by Task Forces supported by non-office observers:

- ST.27 Exchange of Patent Legal Status Data (along with ST. 61 (trademarks) and ST.87 (designs))
- Public Access to Patent Information (aka. PAPI)
- Name Standardization

Search Strategies in PATENTSCOPE

[Justin Diaconescu](#), Head, Patent Database Section, WIPO

Justin Diaconescu is a software engineer working for WIPO in Geneva as the head of the Patent Database Section.

He has been involved with document management and retrieval systems since 2000, he architected and engineered complex web systems for several international organizations since 2007.

He has been working actively in the design, implementation and management of the PATENTSCOPE, patent search system.

Justin received his Master's in Computers Science from the Ecole Polytechnique Federale de Lausanne, Switzerland and he holds a bachelor in Mathematics.

Abstract

Patent searching involves looking for existing patents related to a particular invention or technology to determine if your idea is novel and not already patented. This workshop will walk you through the different techniques and strategies to help you get started. Defining you keywords, classifications, relevant inventor and assignees, the necessary boolean operators, the relevant patent literature and using the right AI tools are some of the topics to be presented.

Getting a result list of relevant patents for a real technical concept is analysed using PATENTSCOPE, WIPO's free patent search platform.

The Unitary Patent is in force – Searching for UP-related information in EPO tools and services

[Yolanda Sánchez García](#), User Engagement Manager - Patent Knowledge/Patent Intelligence at European Patent Office

Yolanda Sánchez García joined the EPO in Vienna in 2002. She is responsible for promoting the European Patent Register, providing training and conducting market research. She is also actively involved in planning and developing new register services and features, including the Federated Register, Register Alert and the Unitary Patent Register, guided by the results of user consultations. Yolanda holds a PhD in organic chemistry (Universidad de Barcelona and Molecular Research Institute, Palo Alto, California), a post-doctoral degree (Max Planck Institute of Biochemistry, Munich) and a post-graduate degree in marketing.

Abstract

The Unitary Patent entered into force in June 2023 and with this, data relating to unitary effect is available in the EPO's patent information tools and services, providing users with an additional layer of patent information.

During this presentation Yolanda will present an overview on some of the EPO patent information products that provide UP-related information. You will learn how to search for patents with unitary effect and have a look at some of the UP data displayed in these products.

Searching the EUIPO design databases and information resources

[César Vidal Fernandez](#) ICD, European Cooperation Service, EUIPO

IT project manager with long experience in several sectors, the last ten years he has worked in European Cooperation projects at EUIPO.

Currently he is responsible of TMview and DesignView tools improvements project and leads the development of a decision drafting solution for National IP Offices' trade marks and designs examiners.

Abstract

As part of EUIPO's global vision of delivering 'IP value for businesses and citizens in Europe', the Office started a digital transformational journey which includes the development of data-driven tools and services. The purpose is to enable customers and other stakeholders to search and extract relevant information and knowledge from the wealth of public data generated in the EUTM and RCD registration procedures. The data dissemination strategy offers customers enhanced search capabilities, like eSearch plus, which provides access to public data about EUTMs, RCDs, persons and bulletins.

Member State IP Offices are also key partners, drawing on the European Cooperation Programme and providing access to resources at national, regional and international levels. DesignView is an example of tool developed as a results of cooperation, offering designs data from more than 70 IP Offices around the world. EUIPO is aware of the importance data quality and integrity have to the users. As a response to that is looking into innovative such as blockchain to deliver information fast and accurately.

Session 1a

Round Table: Artificial Intelligence & IP Information

Chaired by

[Nigel Clarke](#), IP consultant, Stanfield Clarke Associates

After retiring from the EPO Nigel is an independent consultant. Latterly at the EPO he managed patent knowledge research projects focussing on future and emerging technologies, such as Blockchain, graphene, quantum, and cancer immunotherapy. Research results have been published in leading peer reviewed journals and on the EPO's "Patent insight reports" web pages. He is also a collaborator at the Institute for Manufacturing, Engineering Department Cambridge University, teaching and researching in intellectual property management. He joined the EPO as patent examiner in electron and ion optics and subsequently became IT manager. For many years he was department head responsible for Espacenet and the European Patent Register. Leaving academia, Nigel started work in the UK Scientific Civil Service, mainly on focused energy beams for microanalysis. He published numerous scientific papers. Nigel studied physical chemistry at Exeter University and holds a PhD in neutron science. He carried out post-doctoral research on carbon fibres at Surrey University. He holds memberships of the Royal Society of Chemistry, Institute of Physics and is a Chartered Scientist, UK Science Council. He has external academic positions at a number of UK universities. Nigel is a contributor to ISO TC279 Innovation Management and is an editorial board member for "World Patent Information", and is a reviewer for "Nature Biotechnology" and IEEE "Transactions on Engineering Management" .

Panelists:

[Linda Andersson](#), CEO Artificial Researcher IT GmbH

Linda Andersson, an alumna of TU Wien and an enterprising entrepreneur, currently holds the position of CEO at Artificial Researcher-IT GmbH, a startup with a comprehensive focus on all aspects of text mining. In 2018, she spearheaded the launch of the Graph Search system for scientific literature in the project 'Artificial Researcher in Science,' an innovative endeavor that earned her the prestigious Commercial Viability Award from the Austrian Angel Investors Association. Driven by her passion, Linda co-founded Artificial Researcher IT GmbH in 2019, building upon the success of her award-winning PhD research conducted at TU Wien in the realm of text mining technology.

In parallel with her academic studies, Linda has been working in the industry, designing different domain-specific text mining solutions. In her PhD research, she delves into a multitude of applications and technologies, traversing the spectrum from conventional Natural Language Processing and machine learning methodologies to the frontiers of deep learning, and utilization of distributional models and generative AI in the context of patent text mining. Linda's versatile contributions range from devising specialized text mining solutions for diverse applications,

including the critical identification of medical entities during the COVID-19 pandemic, misinformation and disinformation detection, code and data detection, to architecting backend systems tailored to scientific domains.

Demonstrating her steadfast commitment to fostering collaboration and driving innovation, Linda has played a pivotal role since 2019 in organizing the PatentSemTech workshop. A collaborative endeavor with Fiz Karlsruhe, TU Wien, Potsdam, and Carnegie Mellon University, this initiative facilitates the interconnection of global research teams sharing an interest in patent text mining. Perhaps most notably, it effectively bridges the gap between academia and industry, giving rise to tangible real-world applications such as patent summarization and classification.

[Irene Kitsara](#), European Standardization Initiatives Director, Global Business Strategy and Intelligence, IEEE Standards Association – IEEE Europe Office

Irene Kitsara's work at IEEE is focused on the intersection of emerging technologies, standardization and governance. She currently works on topics related to green and digital transformation, AI ethics and related certification, and is leading a joint report with the Council of Europe on the metaverse, and is in the core team of the IEEE Technology Center for Climate.

Before joining the IEEE Europe office in 2022, Irene worked for 13 years at the World Intellectual Property Organization (WIPO), a specialized UN agency, where she led all patent analytics-related activities, including the flagship publication "Technology Trends" and patent landscape reports in over 20 technology areas, providing factual evidence to support decision-making. During her work she developed original taxonomies and approaches, led the preparation of patent analytics resources, exploration of the use of open source tools for patent analytics, developed and delivered the WIPO patent analytics training. Irene also worked in law firms in Germany and Greece, at the European Patent Office, the European Commission (DG Grow) and the Max-Planck Institute for Foreign and International Social law. Irene is a Greek lawyer admitted at the Athens Bar and holds a Masters in European and International Business law from the Ludwig Maximilian's University in Munich. She continued her training in responsible innovation, AI business transformation and open source tools, and is a certified IEEE AI Ethics Lead Assessor.

[Bruno Pouliquen](#), Head, Advanced Technology Applications Center, WIPO

Bruno Pouliquen is heading the Advanced Technology Application Center in the World Intellectual Property Organization (WIPO) in Geneva.

He works in WIPO since 2009 and is in charge of applying and exploring machine learning techniques to intellectual property applications. Its team works on various aspects of machine learning: machine translation, classification (image & texts) and speech recognition (transcription of WIPO conferences).

He owns a PhD in computer science (text mining in the medical domain) and specialized later in multilingual text mining (European Commission). He has published more than 60 scientific papers in the computational linguistic domain.

Anna Maria Villa, Patent Information Specialist

A.M. Villa holds a degree in Pharmaceutical Chemistry and Technology, a PhD in Medicinal Chemistry and an MA degree in adult education.

Before joining the EPO, she cooperated with pharma industries in the Milan area and headed a Molecular Modelling Research Unit at Milan University (Faculty of Pharmacy) for six years. She started work at the EPO in 1997 as a patent examiner in the area of second medical use, in galenics as of 2002 and cosmetics since 2014. In addition to search, examination and opposition work, she acquired extensive experience as a trainer and coach (both for newcomers and colleagues changing technical fields). She has been active in international co-operation and exchange programmes and is an experienced trainer in distance learning programmes implemented by the European Patent Academy.

After two years as a Senior Consultant and Director Business Development Pharma and Life Sciences at PatentSight GmbH she worked about three years at the Swiss Federal Institute of Intellectual Property as a Patent Expert and Coordinator of the Patent Analytics Teams.

She is currently working on individual Patent Analytics, PA Tool Benchmarking and Technology Monitoring projects, as well as as a member of the Editorial Committee of the AIDB newsletter, published by the Italian Association of Patent Information Professionals.

As a a Qualified Patent Information Professional, she is currently heading the ISBQPIP Examination Committee for Patent Landscaping.

Alexander Weir, CEO Weir Consulting Llc

From 1998 I led one of the two teams establishing the EC IPR-Helpdesk pilot project. Went on to support SMEs in understanding the value of IP for their growth and investment, as well as the importance of having an IP strategy and understanding IP management. Explored the potential of DLT/Blockchain for the IP space. Established the Innovate UK EDGE IP Program, which involved upskilling the 300+ network of business support advisors in the potential of IP for business growth and investment, including overseeing the delivery of the UKIPOffice IP Audit and IP Access support programmes for UK SMEs. More recently in partnership with Moody's Analytics developing an AI tool using company and IP data to identify potential high growth firms across all sectors and industries.

Sessions 1b/1c (parallel)

User + provider & vendors presentations

[Katrin Ridinger](#), Information Professionalat Recherche und Beratung, Henrik Schreiber

Katrin Ridinger is a biologist with a degree from the University of Konstanz and a PhD in science from the University of Zurich.

With the background knowledge in molecular biology research she switched to the Intellectual Property area in 2009. She collected IP-experience in a patent department in the pharmaceutical industry. Since 2010 she works at Recherche und Beratung with Henrik Schreiber.

Katrin is an experienced patent information professional, performing different types of patent/literature searches in a wide field of technologies and Life sciences including biosequence searches. Since 2019 she is registered as a Qualified Patent Information Professional (QPIP).

[Sander De Vrieze](#), Patent information specialist, PATLIB Centexbel Vlaanderen, Gent, BE

Sander de Vrieze is BEPIUG board member since 2015. He has a PhD in Science and Engineering, Materials Science and Textile Technology and a Master of Science and Engineering in Materials Science and Textile Engineering.

He works in the PATLIB center Centexbel in Belgium since 2010 as an IP advisor for textile companies on intellectual property questions/challenges/searches.

Patent Searching with Artificial Intelligence: Experiences and Challenges

[David Rees](#), IP Search, Swiss Federal Institute for Intellectual Property

Experienced IP analyst with a demonstrated history of working in the pharmaceuticals and consumer-goods industries. Skilled in Medicinal Chemistry, Patent Law, Biotechnology, Intellectual Property, and Drug Development. Strong business development professional with a Executive MBA focused in Business Administration and Management, Strategy from Fachhochschule Nordwestschweiz FHNW.

Author of several papers and presentations, chairman of the PDG Working Group Online from 2005-11 and served on the PDG Board from 2011-15.

[Paul Peters](#), Director Customer Success Specialists at CAS

Paul Peters has been working for CAS for over 26 years. After earning his bachelor's degree in chemical engineering, he worked in the library of the Netherlands Occupational Health and Safety

Organisation. He gained familiarity with first-generation online search tools, and subsequently spent seven years as a workshop instructor for STN in the Netherlands. During this time, he trained over 500 European Patent Office examiners in patentability and novelty searching in chemistry and related fields. In 1995, he joined CAS as a regional sales manager and soon rose to become director of sales in Europe, the Middle East and Africa. Paul now leads the staff in the US and Europe who provide customer training for all CAS products. He has been involved in a number of European patent information interest groups such as PDG, PATCOM, CEPIUG and several national groups. Paul was elected President of PATCOM in 2021.

Abstract:

The Swiss Institute of Intellectual Property's service: ip-search, compared the results of several patentability-type searches carried out by experts with those obtained using artificial intelligence-based systems. The evaluation focused on the number of documents retrieved and their relevance to the technical question posed. Are AI tools able to retrieve relevant documents? Are expert searches superior to AI-based results? Is there potential to combine the two approaches? In fields such as chemistry, AI-based tools struggle with the different disclosure of relevant substances by name or structural formula. CAS has developed an AI prior art search tool based on indexing an initial patent publication, which has proven popular with patent examiners. As a logical second step, there will be an option to apply this AI technology to free text input of the claim text or an abstract, retrieving similar documents from both the journal and patent literature.

Meet Mila as a digital strategist for intellectual property matters

[Amélia Desmedt](#), Patent information & analysis specialist, AGC Glass Europe

Amélia's main activities are in the area of patent information searching, analysis and landscaping. She also manages technology scouting through AI tools.

Amélia is an active member of the French Speaking Patent User Group (CFIB) where she has organized one of the CFIB annual meeting at AGC's premises.

Motivated with more than 25 years of experiences in Intellectual property Rights, she regularly carries out freedom-to-operate analysis and IP monitoring work.

She contributes to the prosecution and enforcement of AGC Glass Europe's intellectual property assets, and to defending AGC Glass Europe in relation with intellectual property rights conflicts.

[Franck Di Liberto](#), Head of sales, Co-founder Cikisi

Graduated from HEC Liège University in Belgium, Franck started his career at Emerson Climate Technologies as responsible of the implantation of a new CRM in the group.

Then he joined FN Herstal, a company active in the Defense sector as Market Intelligence Expert where he was responsible of the strategic data collection and sharing.

Since 2016, he is one of the co-founders of Cikisi, a Market Intelligence Solution whose objective is to streamline the Market Intelligence Workflows and to help their customers to organize their data gathering and sharing of their strategic information inside their organisation.

Abstract

Access to relevant prior art within patent/non patent literature plays a huge role for innovation, applying or breaking a patent and fighting against patent infringement. This talk deals with carrying out a daily technology watch with the help of CIKISI software, a business intelligence SAAS. By uploading a corpus of patent documents directed to a specific technology area, the artificial intelligence machine MILA understands the interest of the user. In relation to the concerned topic, Mila suggests information covered on the web and social networks, scientific articles as well as articles issued from specialized press.

Use Case: Review and experience of using AI to bridge the gap between R&D and IP

[Mikael Beving](#) CEO & co-founder, Toolspace

Mikael has three decades of experience within R&D within such broad areas as Coatings, Broadband, and high power networks, always with an international focus. In the last few years, Mikael has been supporting designers and startups through Toolspace a company that he founded in 2015. During the Toolspace years, he has supported more than 300 product owners and has through the accelerator program supported around 200 persons leading to more than 50 new companies. He has a Master of Science in Material Science from the Royal Institute of Technology in Stockholm. Since 2022 he has been a Business Advisor of the Stockholm Business Region, he works as an advisor to startups from KTH Innovation, ALMI Stockholm, Stockholm Innovation and Growth. Mikael is furthermore a former R&D manager in the world's largest Coatings manufacturer, leading five R&D labs, supporting e.g. IKEA worldwide

[Linus Wretblåd](#), CEO & co-founder, IPScreener

Linus has 20 years of experience supporting IPR and innovation processes, starting as an examiner at the Swedish Patent office, now focusing on prior art searches methodologies and supportive tools. He has a Master of Science in Physics & Electronics and a French DEA degree in microelectronics, and additional MBA studies on Innovation and Entrepreneurship. He was the president of the Confederacy of European Patent Information User Groups (CEPIUG) 2015-2017 and currently one of the board members of the ISBQPIP for certification of Patent Information Professionals. Linus is the co-founder of and was also CEO 2000-2018 at Uppdragshuset, providing high-end patent information search services. He is since 2018 CEO of IPScreener, a spin-off company from the EUROSTAR project with the Technical University of Vienna & Uppdragshuset on AI assisted exploring and understanding of patents. Since 2023 he is an IP advisor to the Industry Common Foundation

(ICF) to provide support on how to use AI to facilitate for researchers to explore, understand and better benefit from IP and patents.

Abstract

Most R&D projects fail in economic terms while overusing internal resources and budgets. An important factor for success is early access to correct knowledge to get the right development focus. At the same time, the number one source of technology insights, namely patent information, is often ignored during the development phase even though it covers more than 80% of the worldwide technology know-how and where 90% of it is free to use. Here, the complexity as well as the low awareness of IP among R&D and non-IP professionals is an obstacle for benefiting from the hidden knowledge herein and keeps the domain hard to access.

The introduction of AI enables new opportunities to streamline the R&D work via the use of patent information and as an assisting bridge to better use and early understanding of Intellectual Property. The startup accelerator Toolspace and Ideaction has explored such approaches together with IP coaching to facilitate and introduce IP as an active building block during the development and prototyping step for the Startups and SMEs within their program.

Tools for information retrieval for documentalists and patent attorneys. Enhance your IP with TRIZ

Luigi Tarabbia, Bugnion SpA

Graduated in Aerospace Engineering – Specialization in “Space Disciplines” from the Polytechnic of Milan in 1997.

Reserve Officer with the Horse Artillery of Milan, consultant, trainer, worked with Agusta Elicotteri S.p.A.; at Bugnion since 1999.

Works on patents, trademarks, designs (preliminary evaluations, drafting, prosecution and litigation; negotiating advice); leads a task force in TRIZ-based inventive problem solving; didactic director of “Business Master IPM”; speaker in various seminars. As part of the Patent Box initiative he has garnered experience in defining/identifying and optimizing company know-how.

Giovanni De Santis, Sales manager, Erre Quadro S.r.l.

Giovanni de Santis is the Sales Manager in Erre Quadro Srl. He holds a M.Sc. in Mechanical Engineering at the University of Pisa with a dissertation about innovative methods for modelling the Bernoulli gripper behaviour. After focusing on mechanical design, tolerances’ statistical analysis and industrial handling, he also collaborated with University of Pisa for research projects for product innovation. He is specialized in patent multi-parametric analyses, including mapping, technological overviews and state of the art searches, and, as supervisor of the patent analyses’ team of Erre Quadro, he acquired strong knowledge in advanced tool and methods for document analysis.

Abstract

Patent documents contain many useful information enabling consultants, such as documentalists or patent attorneys, to provide support to their clients more advanced than traditional standard searches. Strategic or market consideration can be done, as well as the best product developments trajectories can be identified and the activity of the player in a technological sector can be monitored. The consultant can, managing those information, support its client in every phase of the innovation path, being enabled to use engineering or marketing methods and instruments. Erre Quadro's tool allow to retrieve those relevant information and manage them, providing to the documentalist the fuel for advanced and non-traditional support. Use case: Bugnion's patent circumvention activity based on relevant information retrieved thanks to Erre Quadro's tool and using TRIZ application.

AI classifier tools: tips and tricks related to testing AI tools

[Sara Motahari](#), Patent Information Professional at ASML

Sara Motahari is a Patent Information Professional with backgrounds in electrical engineering, sustainable energy technology and physics. She has been working at ASML's IP department as a patent searcher since 2017.

[Sakari Arvela](#), CEO & Co-Founder at IPRally

Sakari Arvela is an authorized Finnish and European Patent Attorney with background in medical technology, (micro)electronics, optics, forest industry and consumer devices. Besides doing patent drafting, prosecution and opposition work since 2004, he worked as the deputy managing director at Laine IP, Finland, in 2010-2012 and has run his own consultative business. He has also trained EQE candidates at CEIPI courses. In 2018, Sakari co-founded IPRally Technologies Oy, a patent AI company utilizing Graph Neural Networks and other Machine Learning technologies to help IP and R&D professionals to find, understand and analyze patent information.

Abstract

Knowledge Graph and Graph Neural Network (GNN) technologies offer new opportunities for visualizing, understanding, searching and analyzing technical information, such as patents. In this presentation, we describe and demonstrate the use of Graph-based patent multi-label Classification system, which can be trained using custom taxonomies. The advantages and disadvantages of patent specification and/or claims based classifiers, in contrast to bibliographic data or citation based classifiers will also be discussed.

In this presentation we will share ASML's experience with testing different AI classifier tools. We will discuss some tips and tricks related to testing AI tools and share some examples of how we can use IPRally AI classifier in our daily work routines.

Invalidating Patents with the Right Combination of Human and Artificial Intelligence - a Case Study

[Alexander Giesen](#), CEO Varidian GmbH

Alexander holds a PhD in Organic Chemistry and a Master in Business Administration from Henley Business School (UK). After his PhD, he worked for several years in academia, first as a Research Fellow at the University of St Andrews and later as a consultant for the University of Leeds. He is the managing director of varidian GmbH, a small German patent search company. Alexander is active in various patent information related organisations and is currently Chairman of CEPIUG.

[Päivi Pennanen](#), CRM Partner, Merilkon Oy, PatSeer Technology

Päivi Pennanen is a Partner in Merilkon Oy, M.Soc. Sciences, University of Helsinki, Finland. She has over 20 years experience as a CRM professional specialized in Patent & IPR Search, Research, Analytics, Project & Collaboration Services and training.

Abstract

The study shows a case of successful invalidation of several members of a patent family in the field of consumer products in China and Germany. The presentation demonstrates the strengths and weaknesses of human and artificial intelligence in finding relevant prior art for a seemingly simple subject matter. The talk explores approaches for combining Boolean and AI searches and offers suggestions for harnessing the strength of both methods.

Day 2 – Monday 18th

Sessions 2

Users Groups, Patent Offices & Patent Information Quality

[Bettina de Jong](#), Secretary General at Patent Documentation Group (PDG)

Bettina de Jong is a freelancer in the patent information area providing consultancy, searching and training services. She is also the Secretary General of the PDG since May 2017. She is a member of the Standing Advisory Committee before the EPO on Patent Documentation and Information (SACEPO/PDI) since 2006. Bettina had a career of almost 30 years at Shell of which 11 years as manager of the global team of patent analysts. Bettina was also chair of the Dutch patent information user group WON for 16 years, and PDG Board member for 4 years.

[Devin Salmon](#) - Vice-Chair, PIUG representative

Devin Salmon is currently the Vice Chair of PIUG and a Product Manager at IFI CLAIMS. She began her career at the USPTO as an examiner, followed by working for IP.com as a Patent Analyst delivering novelty, FTO, and landscape studies for commercial clients. While at IP.com she was also a Client Success Manager and served as the “Voice of the Customer” for the development and content teams. Equipped with this experience, she realized a key component of improving the data usage within patent tools is to work from within the tool providers. She has been an active member in PIUG since 2015, participating in community engagement sessions and on the education and training committee. She has also served as a guest lecturer on patent information usage for university students, ran patent search basics training workshops, and spoke to a variety of audiences about leveraging AI for patent information users.

[Iustin Diaconescu](#), Head, Patent Database Section, WIPO

Iustin Diaconescu is a software engineer working for WIPO in Geneva as the head of the Patent Database Section.

He has been involved with document management and retrieval systems since 2000, he architected and engineered complex web systems for several international organizations since 2007.

He has been working actively in the design, implementation and management of the PATENTSCOPE, patent search system.

Iustin received his Master's in Computers Science from the Ecole Polytechnique Federale de Lausanne, Switzerland and he holds a bachelor in Mathematics.

David Horat, Director of Patent Knowledge at European Patent Office

David Horat is Head of Prior-art Data Management at the European Patent Office, leading an IT department delivering 1000+ data pipelines of high-quality prior-art documents. He was previously IT Director at the Oceanic Platform of the Canary Islands, where he led the digital transformation, and a software engineer at CERN (European Organization for Nuclear Research), where he architected a federated grid computing testing system which monitored the resources of 300+ data processing centres with +10M cores and +15 petabytes of storage. David holds an MSc in computer science and a LL.M. in intellectual property and business management.

Nicola Pianu, ICD, Institutional Relations Service, EUIPO

Nicola Pianu is a member of the Institutional Relations Team (Institutional and Cooperation Department) and leads the relations with the User Associations part of the EUIPO User Group. He joined the EUIPO in 2020 after working as a policy advisor in the European Parliament in Brussels for over ten years.

Session 3

QPIP certification - the first 5 years

Bettina de Jong, Chairperson at International Standards Board for Qualified Patent Information Professionals (ISBQPIP)

Bettina de Jong is a freelancer in the patent information area providing consultancy, searching and training services. She is also the Secretary General of the PDG since May 2017. She is a member of the Standing Advisory Committee before the EPO on Patent Documentation and Information (SACEPO/PDI) since 2006. Bettina had a career of almost 30 years at Shell of which 11 years as manager of the global team of patent analysts. Bettina was also chair of the Dutch patent information user group WON for 16 years, and PDG Board member for 4 years.

Michaela Rasmussen, Search Manager at Coloplast

Qualified Patent Information Professional, winner of the Susan Helliwell Award 2021

Davinia Collyer, Principal Patent Analyst at Victor Green & Company

Qualified Patent Information Professional, winner of the Susan Helliwell Award 2022

Session 4

IP Information Organisation & Beyond

Chaired by

[Gerard Ypma](#), Manager Search & Competitive Intelligence at ASML Netherlands BV

Gerard Ypma obtained his master's degree in Chemical Engineering in 1993 at the Technical University of Eindhoven in the Netherlands. He subsequently worked as R&D process engineer at ODME BV on development and implementation of the CD-recordable production process. In 2001 he joined Draka Fibre Technology BV as patent coordinator. One year later he accepted a position as patent searcher at ASML Netherlands BV in Veldhoven. In this position he gained 14 years' experience in professional patent searching and was responsible for the management and development of ASML's patent rights alerting system. Since 2017 he is managing the Search & Competitive Intelligence group at the ASML Corporate Intellectual Property Department.

Patent Information and ISO/DIN Standards on IP Management

[Michele Fattori](#), Italian and European Patent Attorney, Brevetti e Innovazione

Michele is a patent attorney registered before the European Patent Office (EPO), the European Union Intellectual Property Office (EUIPO), and the Italian Patent and Trademark Office (UIBM). He is also authorized to represent parties before the Unified Patent Court (UPC) and Member of the Italian Society of Professional Engineers (Modena Chapter). He is the author of numerous publications on Intellectual Property and has lectured at various conferences and seminars. He is a member of numerous IP associations including AIDB (Association of the Italian Patent Information Users), AICIPI (Association of Patent and Trademark Attorneys in Italian Industry), EPI (European Patent Institute) and of the ISBQPIP (International Standards Board for Qualified Patent Information Professionals) Examination Committee. Michele obtained a degree in Materials Engineering at the University of Modena and Reggio Emilia. He holds a CERTing Advanced certification as an expert forensic engineer, specialized in Intellectual Property.

Abstract

Recently introduced technical standards ISO 56005 and DIN 77006 are both directed at Intellectual Property Management. ISO 56005 belongs to the ISO 56000 family of standards dedicated to innovation management, whereas DIN 77006 supplements the contents of DIN EN ISO 9001 in the field of quality management. As we all know, patent information plays an essential role of any sound IP management system and, therefore, understanding its place within both ISO/DIN standards is poised to become relevant for patent searchers as adoption of such standards grows over time.

IP Search Team Management

[Gerard Ypma](#), Manager Search & Competitive Intelligence at ASML Netherlands BV

Gerard Ypma obtained his master's degree in Chemical Engineering in 1993 at the Technical University of Eindhoven in the Netherlands. He subsequently worked as R&D process engineer at ODME BV on development and implementation of the CD-recordable production process. In 2001 he joined Draka Fibre Technology BV as patent coordinator. One year later he accepted a position as patent searcher at ASML Netherlands BV in Veldhoven. In this position he gained 14 years' experience in professional patent searching and was responsible for the management and development of ASML's patent rights alerting system. Since 2017 he is managing the Search & Competitive Intelligence group at the ASML Corporate Intellectual Property Department.

Abstract

Reflections and learnings of managing a search team. From search quality improvement, work force planning, IP-tooling to personal/professional development.

Lowering the barrier to speak

Gerben Gieling, IP Specialist, Synthron

Gerben Gieling is a chemist by training. He joined the patent department of Solvay Pharmaceuticals in april 1996 to be trained as a patent information specialist. In august 1998 he moved to Synthron. Gerben was a board member of WON between 2002 and 2023, was involved in setting up CEPIUG and QPIP and is a teacher in WON/GO's patent information training courses.

Abstract

WON organises two one-day general user meetings every year. An issue with organising two general user meetings every year is getting the program filled. Providers are always willing to present, but you don't want a user meeting with only provider presentations. We thought that providing a full (30 min.) presentation might be considered quite intimidating to some of the members. In an attempt to lower the barrier we introduced the subject 'Tips and Tricks'.

In this Tips and Tricks section users can present small tricks to make some part of the work easier or very specific solutions to a very specific problems. A Tips and Tricks presentation can be as short as five minutes. In this presentation I will show some of such Tips and Tricks stories that we used to get this subject going and of which we hope that they inspire the member community to come with their own contributions.

Strength in Connections: The Power of Community and Networking in IP industry

[Anna Wiczorek](#), Founder and CEO, Laudea Research GmbH

Dr. Anna Wiczorek is the founder and managing director of intellectual property research company Laudea Research. As an experienced IP analyst specializing in chemistry, biotechnology and the life sciences, Dr. Wiczorek founded Laudea in March 2018. Previously, she had spent several years working in major European research and scientific facilities in the United Kingdom, Italy, Austria, Germany and Poland.

At Laudea, she supports international corporate clients and patent law firms in IP search and analytics, helping clients to make better strategic decisions. She excels in novelty, infringement, validity, clearance, state-of-the-art, collection, landscapes and chemical structure patent searches. She holds an MSc in biotechnology and completed her PhD in organic chemistry in Vienna.

Abstract

In today's interconnected professional landscape, community building has emerged as a powerful catalyst for success. Building a strong local community fosters collaboration and knowledge-sharing among IP professionals. By organizing regular meetups, workshops, and networking events, individuals can connect, exchange ideas, and collectively address challenges unique to our industry. This community-driven approach promotes growth, innovation, and a sense of belonging. Ultimately empowering individuals to thrive and navigate the ever-evolving professional landscape with confidence and resilience.

Round table: Sources of information for the IP information specialists

Chaired by

[Jane List](#), Founder at Extract Information Ltd, World Patent Information, Editor-in-Chief

Jane List founded Extract Information Limited in 2013 following a career in the information industry where she held product development roles at Lighthouse IP, ProQuest, and DataStar. She has also previously held IP and Information analyst roles at The Technology Partnership plc, Xaar plc and the European Molecular Biology Laboratory. Jane has provided training in the retrieval and analysis of scientific, technical, medical, commercial and patent information throughout her career. At Extract Information Jane continues to search patents and provide assistance with IP management for small and medium sized companies. Jane has been Editor in Chief of World Patent Information Journal from 2014 to 2023, and is Secretary of PatCom. Jane has degrees in Chemistry, Information Science, and a qualification in IP Law.

Luca Falciola, CEO Scibilis srl, AIDB Newsletter

After university education and training in molecular biology, Luca Falciola moved to industry, becoming IP manager or IP advisor for companies located in Switzerland, France, and Belgium. Since 2020, he is manager at Scibilis (Brussels, Belgium), a consultancy providing companies, universities, investors, and institutions with services and training in IP management, patent information, and competitive intelligence in the fields of life sciences, pharmaceuticals, and food & beverages. He is registered as Qualified Patent Information Professional and contributes to AIDB and BEPIUG activities. He has given presentations about IP and patent information at several patent-related conferences and for seminars at universities, some of them also consolidated in articles.

Benoit Olbrechts, Manager Technology Scouting & IP Services, Sirris, CFIB Newsletter

Benoit Olbrechts has worked in two complementary areas: research in university laboratories and product development in early-stage MedTech start-ups. After a PhD at UCLouvain in Engineering Sciences, he contributed to scientific research in the field of micro and nanotechnologies. He then joined the exciting world of start-ups for 5 years, developing advanced and disruptive technologies for medical applications. There he experienced the patenting process of innovative solutions in the legal and normative environment we know. Since 2020 at Sirris, he supports companies in their technological and commercial development, notably through the power of intellectual property tools.

Alexander Giesen, CEO Varidian GmbH, CEPIUG Newsletter

Alexander holds a PhD in Organic Chemistry and a Master in Business Administration from Henley Business School (UK). After his PhD, he worked for several years in academia, first as a Research Fellow at the University of St Andrews and later as a consultant for the University of Leeds. He is the managing director of varidian GmbH, a small German patent search company. Alexander is active in various patent information related organisations and is currently Chairman of CEPIUG.

Nigel Clarke, IP consultant, Stanfield Clarke Associates, author and Advisory Editorial Board member, World Patent Information

After retiring from the EPO Nigel is an independent consultant. Latterly at the EPO he managed patent knowledge research projects focussing on future and emerging technologies, such as Blockchain, graphene, quantum, and cancer immunotherapy. Research results have been published in leading peer reviewed journals and on the EPO's "Patent insight reports" web pages. He is also a collaborator at the Institute for Manufacturing, Engineering Department Cambridge University, teaching and researching in intellectual property management. He joined the EPO as patent examiner in electron and ion optics and subsequently became IT manager. For many years he was department head responsible for Espacenet and the European Patent Register. Leaving academia, Nigel started work in the UK Scientific Civil Service, mainly on focused energy beams for

microanalysis. He published numerous scientific papers. Nigel studied physical chemistry at Exeter University and holds a PhD in neutron science. He carried out post-doctoral research on carbon fibres at Surrey University. He holds memberships of the Royal Society of Chemistry, Institute of Physics and is a Chartered Scientist, UK Science Council. He has external academic positions at a number of UK universities. Nigel is a contributor to ISO TC279 Innovation Management and is an editorial board member for "World Patent Information", and is a reviewer for "Nature Biotechnology" and IEEE "Transactions on Engineering Management".

Day 3 – Tuesday 19th

Session 5 Patent Information Old & New Issues

Chaired by

[Benoit Sollie](#), Scientific Information Manager at Cargill

Benoit has been working as a patent information specialist for more than 20 years. He is a Qualified Patent Information Professional (QPIP) with a degree in information science. Benoit is an active member of the French Speaking Patent User Group (CFIB) where he leads working groups around the synergies between patent/market information or the impact of AI on our industry. He advises Cargill enterprises around information literacy, manages directly or indirectly agile patent searches and raises awareness by leading various empowerment initiatives. He is also a member of the PIUG conference scientific committee.

Designs as prior art for patents: an undervalued resource to consider

[Guido Moradei](#), Italian and European Design Attorney, Quaestio srl

Guido is an Italian and European IP attorney whose activity is focused on providing information and analysis, particularly in the field of engineering and design.

He is a member of the Editorial Advisory Board of the World Patent Information journal and editor of the special issue about Industrial Design Intellectual Property and Information Retrieval. Often a speaker or chairman in international conferences and meetings, he authors papers and collaborates with IP Offices in advisory bodies like the SACEPO/PDI (EPO), and the WIPO Committee of Standards and as an advisor in IP-related projects. Guido is a Qualified Patent Information Professional (QPIP) and a proactive member of the community of IP information specialists: president of the Italian user group AIDB, former board member of the CEPIUG and PIUG member for more than 20 years.

Abstract

Everybody know that IPRs regarding products of industrial designs are intended to protect their appearance, but when a registration for a design clearly discloses also parts of the product having a functional role, it could be relevant prior art for assessing novelty and inventive steps of patents too. Besides, when doing an FTO on a material product, a search would not be complete if designs are not also considered.

In this presentation I will make a recap of the main IPRs regarding industrial design products, show some examples of mixed aesthetic/functional designs and examine a few searching tools and the main issues in doing this kind of work.

IPR, Patent information and Sustainability

Filippo Silipigni, Project Manager, Fondazione Politecnico di Milano

Filippo Silipigni is a mechanical engineer with a degree from the University of Florence and a PhD in Design and Product Development Methods from the Milan Polytechnic.

He is an expert in inventive problem solving-TRIZ, patent information and IPR, methods to support decision making in the field of R&D and technological forecasting to support technological innovation processes.

Since 2011 he has been working at Fondazione Politecnico di Milano as a project manager, fostering contact between companies, organizations and individuals with the research groups of the Politecnico, realizing commissioned and/or funded projects.

He deals with business support activities, identification of financing measures, service planning and business training.

He regularly collaborates with Politecnico di Milano - Department of Mechanics, as an assistant in university courses.

Abstract

In the last few years, the sustainability theme has gained more and more attention and today is an everyday topic. Also, the world of Intellectual Property has been impacted and for some years now Intellectual Property Offices around the world have introduced and promoted some initiatives, programs, specific actions, and in general resources targeting the topic.

After recalling and putting order among the main proposed initiatives tailored to the sustainability topic implemented by Intellectual Property Offices, the contribution aims to highlight which are the most significant actions which impact and influence patent information and the daily activity of a patent information user. The goal is to give an insight into the added value that these actions and resources can provide in respect of the most typical tools for patent information.

Popping-up Sustainable Energy Technologies

[Benoit Olbrechts](#), Manager Technology Scouting & IP Services, Sirris

Benoit Olbrechts has worked in two complementary areas: research in university laboratories and product development in early-stage MedTech start-ups. After a PhD at UCLouvain in Engineering Sciences, he contributed to scientific research in the field of micro and nanotechnologies. He then joined the exciting world of start-ups for 5 years, developing advanced and disruptive technologies for medical applications. There he experienced the patenting process of innovative solutions in the legal and normative environment we know. Since 2020 at Sirris, he supports companies in their technological and commercial development, notably through the power of intellectual property tools.

Abstract

Sustainable Energy has emerged in the media as being one of the most challenging and disruptive transition our industrialized world has to conduct, in particular in a context of climate change emergency. Through this talk, the trends related to this on-run energy transition are extracted and analyzed. Patents track-records are compared to the technology bottlenecks identified in the non-patent literature.

Standard Essential Patents: what you need to know and how to search

[Marco Camolese](#), Qualified European Patent, Trademark and Design Attorney, Metroconsult

Marco Camolese has been working as an Industrial Property Consultant at Metroconsult since November 2004 and is currently Director of the None (Turin) office. Marco is an accredited attorney at the European Patent Office (EPO), the European Union Intellectual Property Office (EUIPO) and the Italian Patent and Trademark Office (UIBM). He is also qualified to represent the parties before the Unified Patent Court and is registered in the Register of Mediators in civil and commercial disputes. He mainly deals with patent consultancy in the electronics, software, telecommunications and audio/video coding sectors. Marco has gained significant experience as a Court-appointed Technical Consultant (CTU) at the Court of Turin and also works as a Party Technical Consultant. Marco, who already holds an engineering degree, has recently obtained a second degree in business administration presenting a thesis on the topic "calculation of the essentiality index of a Standard Essential Patent (SEP) by the use of the Jaccard similarity coefficient".

[Saverio Celia](#), Senior Patent Engineer at Sisvel Technology

Degree in Electronic Engineering with specialization in Telecommunications from the La Sapienza University of Rome. Diploma of Specialization in Telecommunications issued by the then Higher Institute of Posts and Telecommunications. Italian and European Patent attorney, he has over twenty years of all-round experience in the prosecution, management and valorization of patents in the electronic field, from filing to granting the patent, to assessing their essentiality for a technological standard, as well as technical-legal issues relating to their economic exploitation in the so-called licensing pools, aggregators of patent portfolios held by various owners, considered essential for using a technological standard issued by specific international regulatory bodies.

Abstract

A standard-essential patent (SEP) is related to a patented invention that is essential for implementing industry standards, such as 5G or Wi-Fi.

Standardization is a key contributor to industrial innovation and competitiveness.

Nowadays, SEPs can be searched free of charge on the websites of certain Standard Development Organizations and on professional patent databases.

AI and Text analysis in 2023, an overview

[Simon Dewulf](#), CEO & Founder, Patent Inspiration

Simon Dewulf is a passionate advocate for engineering creativity and innovation. Throughout his career, he has actively contributed to over 500 successful innovation projects. His PhD thesis titled "Patent Data Driven Innovation Logic," completed at Imperial College, presents a novel framework for innovation analysis using patent data.

Abstract

AI tools and techniques are coming up like mushrooms. This talk demonstrates the research of a general overview of the AI categories and focusses on their application in patent research, the capabilities, limitations and implications for the future of patent research.

Session 6

Life Sciences IP information retrieval, open issues and helpful suggestions

Chaired by

[Anna Maria Villa](#), Patent Information Specialist

A.M. Villa holds a degree in Pharmaceutical Chemistry and Technology, a PhD in Medicinal Chemistry and an MA degree in adult education.

Before joining the EPO, she cooperated with pharma industries in the Milan area and headed a Molecular Modelling Research Unit at Milan University (Faculty of Pharmacy) for six years. She started work at the EPO in 1997 as a patent examiner in the area of second medical use, in galenics as of 2002 and cosmetics since 2014. In addition to search, examination and opposition work, she acquired extensive experience as a trainer and coach (both for newcomers and colleagues changing technical fields). She has been active in international co-operation and exchange programmes and is an experienced trainer in distance learning programmes implemented by the European Patent Academy.

After two years as a Senior Consultant and Director Business Development Pharma and Life Sciences at PatentSight GmbH she worked about three years at the Swiss Federal Institute of Intellectual Property as a Patent Expert and Coordinator of the Patent Analytics Teams.

She is currently working on individual Patent Analytics, PA Tool Benchmarking and Technology Monitoring projects, as well as as a member of the Editorial Committee of the AIDB newsletter, published by the Italian Association of Patent Information Professionals.

As a a Qualified Patent Information Professional, she is currently heading the ISBQPIP Examination Committee for Patent Landscaping.

Benefits and Pitfalls of PubChem Compounds Sourced from SureChEMBL, Patentscope, and Google Patents

[Jörg Ohms](#), Managing Director at WissInfo GmbH, CEPIUG Newsletter

Jörg Ohms studied chemistry in Hamburg and Freiburg (Germany). He completed his studies with a Ph. D. work focused on the biophysical chemistry of RNA oligonucleotides. After that, he worked for four years in the pharmaceutical industry on developing protein-comprising drug delivery systems. Since 1995 he has worked as a patent searcher, and since 1997 he has been managing director of WissInfo GmbH. In 2019 Joerg Ohms was certified as Qualified Patent Information Professional (QPIP).

Abstract

Using fully automated chemical compound extraction processes, Patentscope, SureChEMBL, and Google Patents identify chemical compounds in patents periodically delivered to PubChem. This way,

Patentscope, SureChEMBL and Google Patents became exclusive data sources for more than 21 million PubChem compounds.

This study aimed to clarify whether the substance data supplied to PubChem by Patentscope, SureChEMBL or Google Patents could be partially incorrect. In PubChem, random samples were generated, with each 50 PubChem compounds exclusively sourced from Patentscope, SureChEMBL, or Google Patents. The validity check of these sample PubChem compounds led to the result that the extraction process resulted in a significant number of erroneous compounds. Although this result is based on a sample, it suggests that PubChem compounds that originate exclusively from Patentscope, SureChEMBL or Google Patents, to some extent, do not match the substances in the underlying patent specifications.

In my presentation, I will discuss possible implications for PubChem users, such as patent examiners. PubChem compounds are regularly cited in international search reports (ISRs). If such PubChem compounds were generated by fully automated chemical compound extraction processes, they bear a significant risk of nonexistent in the underlying patent publication.

The Role of Patent Intelligence to Demonstrate New Active Substance Status: Applying our Skills to Answer Different Questions.

Paula Juckes, Senior Information Scientist at UCB Pharma

Paula Juckes is a Senior Patent Information Specialist in the Intellectual Property department (IPD) at UCB; a global biopharmaceutical company dedicated to the research, development and commercialization of innovative medicines with a focus on the fields of central nervous system and immunology disorders. After graduating with a degree in Biochemistry from the University of London, she spent 12 years in genetic and molecular biology research. Paula's transition to the field of Information Science was made whilst working for the agrochemical company Syngenta. Paula provided a biotechnology information service there for seven years before joining the Informatics team in UCB in 2004. In 2010 she moved into the Intellectual Property Department and supports the team with, for example their patent research and competitor intelligence questions. Paula is also a member of the British Patent Information Professionals and a Qualified Patent Information Professional (QPIP).

Abstract

When the European Medicines Agency (the EMA) needs proof that a medicinal product comprises a "New Active Substance" (NAS), what can be done?

New Active Substance status is required for a drugs' own regulatory data protection (RDP). This is important, as products with this status benefit from 10 years of protection against generic competition in Europe and which can be a critical determinant in the decision to pursue R&D projects. Medicinal products protected by a basic patent but approved without NAS status may face additional consequences, for instance with respect to the obtention of a Supplementary Protection Certificate (SPC). (SPCs extend the duration of certain rights associated with a patent.) This is

because if the market authorisation (MA) is granted without NAS status, it may not be considered as the first MA for that type of medicinal product. Although regulatory in nature, the question invariably gets passed to Intellectual Property Departments, as this is where most research on the product and its novelty has already been carried out. Documentary evidence explicitly showing how the new drug differs from similar ones already approved, together with further justification must be given. Further, the criteria for approving the NAS status have recently been made more stringent by the EMA. In this presentation I will explore how different resources and strategies can be used to supply the documentation required.

Compliance with Sequence Listing Requirements & Disclosure of Biological Sequence Information in Patent Documentation

[Luca Falciola](#), Manager, Scibilis srl

After university education and training in molecular biology, Luca Falciola moved to industry, becoming IP manager or IP advisor for companies located in Switzerland, France, and Belgium. Since 2020, he is manager at Scibilis (Brussels, Belgium), a consultancy providing companies, universities, investors, and institutions with services and training in IP management, patent information, and competitive intelligence in the fields of life sciences, pharmaceuticals, and food & beverages. He is registered as Qualified Patent Information Professional and contributes to AIDB and BEPIUG activities. He has given presentations about IP and patent information at several patent-related conferences and for seminars at universities, some of them also consolidated in articles.

Abstract

The recent transition from ST.25 to ST.26 WIPO Standard for submitting and publishing biological sequences in sequence listing format gives the opportunity to evaluate how users of PCT system apply this standard and are actually compliant with the formal requirements for disclosing such information within patent applications filed at WIPO and at other patent offices. The presentation will discuss the opportunities to perform a more complete analysis of patent literature disclosing biological sequence information according to PCT requirements (named as “SEQLIST Patent Data”) by relying upon two pillars of PCT system: the identification of a biological sequence within a patent application using the sequence listing wording and the categorization of the invention as claimed in a patent application by means of patent classification codes. This methodology involves language-dependent and language-independent criteria that are combined in full text- and IPC/CPC-based search strategies to extract SEQLIST Patent Data, possibly overcoming any incomplete or incorrect use of the WIPO standard by applicants. SEQLIST Patent Data are evaluated across relevant technical domains, establishing some quantitative and qualitative trends in PCT patent applications that were filed in the period 2011-2022 and the patents that were granted by USPTO and EPO during the same period.

Clearing the Path: Navigating the Realm of Freedom to Operate Patent Searches

[Lucy Antunes](#), US patent agent, senior searcher, CAS IP Services EMEA

Lucy Antunes is a US Registered Patent Agent and Qualified Patent Information Professional (QPIP) with more than 30 years of experience in the patent information field. She is well known internationally as past instructor in the WON GO Institute Course for new patent information professionals, past Chair of PIUG, former member of the UK Patent and Trademark Group, Chair of the Selection Board for the International Patent Information Award and for her many other activities, presentations, and publications.

Britta Scheithauer, CAS IP Services EMEA

Dr. Britta Scheithauer is a Qualified Patent Information Professional (QPIP) and has 15 years of work experience as information professional at FIZ Karlsruhe, now part of the CAS IP Services EMEA team. After her studies and PhD in the field of biotechnology, her focus is on pharmaceuticals, chemistry and life sciences. Her search activities focus on prior art, opposition and FTO searches as well as searches in the non-patent literature, eg. on drugs and peptides.

Abstract

This talk will provide a brief introduction to FTO searching followed by search examples in the chemical and life sciences information field. Specific tips will be included for FTO searching such as when to broaden your strategies, how to persuade customers to ask reasonable questions, and how to agree on search approaches. After demonstrating general search strategies on STN, sample reporting will also be shown.

15 years of online patent research and analysis

[Benno Jensen](#), Manager, Patent Solution Consultants at Clarivate Analytics

Benno is an experienced Patent Information expert, with a degree in Library & Information Science from The Royal School of Library & Information Science in Copenhagen, Denmark.

He has been with Clarivate and its predecessors in different sales and customer support roles for 20 years and has worked extensively with clients and colleagues all over the world. He has been an active member of P-I-F (The Danish Patent Information User Group) since its foundation 20 years ago, and is a frequent speaker at P-I-F meetings and other patent related conferences.

Abstract

A retrospective review of how the work of a patent information professional has changed and developed over the last 15-20 years, in terms of the tools we use and the challenges we're facing.

Up until the late 1990's command-based searching in patent databases, on general database hosts like STN and Dialog, was the norm – and due to the complexity it was primarily the domain of trained information professionals. In the early 2000's we saw the introduction of web based graphical interfaces, making the tools more accessible to a wider audience. And we also saw the emergence of new dedicated patent research tools like for example Delphion and PatBase. As these tools evolved and improved, there was a shift in the work of the patent professional to not only provide search results, but also analysis and interpretation of data – turning the data in to insights.

A growing challenge in the 00's, and continuing to this date, is the explosion in the number of patent publications – particularly in Asia. And along the way we've seen intense development and improvements in the machine translation of patents. Another trend in the last 10-15 years has been the emergence and improvements in freely available patent research tools, from patent authorities, and not least Google. This has been a giant leap in the accessibility of patent information to end users.

Some more recent trends includes the development of specialized patent research tools for specific domains like chemistry and biological sequences, and for specific types of information like litigation information and Standard Essential Patents (SEP's). And of course also the very hot topic of Artificial Intelligence, and how that is finding its way in to patent research tools.