



## Convegno AIDB, Milano 2 ottobre 2015

Silvia Fossati - Strategie & Innovazione



# Who We Are

- Innovative Global Patent Info Provider for 18 years
- HQ in London, UK
- Offices in Washington D.C.; Germany, Asia
- Partners with RWS & Tempus IP
- Local Business Development Team



# Who Uses Us

Fortune 500/ FTSE 100 Corporations Globally Including:

- Leading Automotive Makers
  - Pharmas/ BioTechs/ MedDevice
  - High Tech Corporations
  - Oil & Gas Companies
  - IP Law Firms
  - Patent Search Firms
  - I.P. Specialists
  - Universities
  - National Patent Offices
- And Many Other Industries

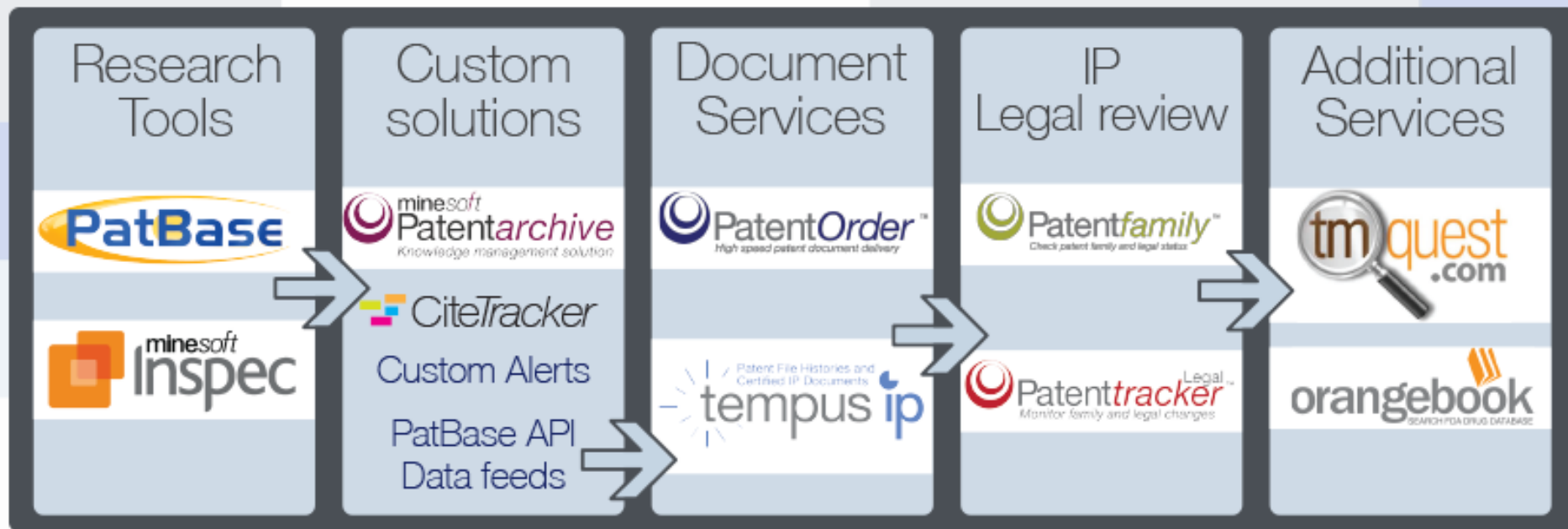


# Why They Use Us

- Patent Research, Monitoring & Analysis
- IP Document Retrieval
- Patent Archiving and Competitive Intelligence
- Extensive Coverage
- Cutting-Edge Technology
- Fast, efficient
- Intuitive
- Analytics & Visualization
- Nimble
- Quality Data



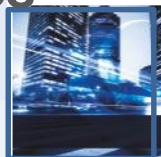
# Products & Solutions







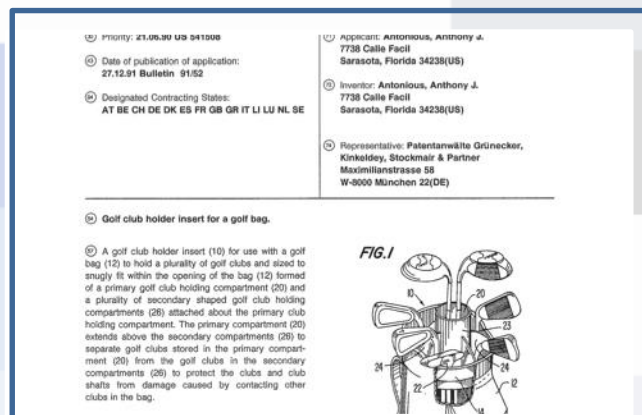
- 27 Full Text Collections
- 51 Million Families
- 101 Issuing Authorities



Fast  
Search

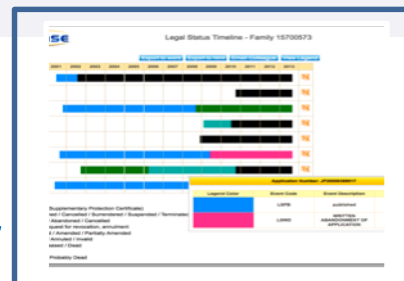


Alerts



Patent Families

Legal  
Status  
Review



Analytics

- Multiple Classification Systems: IPC, CPC, US and JP classes
- Quality Controlled content
- Normalized data



Quality  
Control

# PatBase Data overview

- 27 Full Text Countries
- Over 100 million Patent Publications
- 51 million families and 101+ publishing bodies
- 26 million non-Latin into English machine translations
- 54 million images and 45 million sets of drawings
- PatBase interface in three languages (EN, JP, CN)
- PatBase Express interface in seven languages (GB, DE, ES, FR, JP, CN, PT)



Buono questo piatto!  
Utilizzare PatBase Analytics per  
un'analisi di settore



Gain powerful insights fast from enhanced global patent data

PatBase Analytics combines high quality patent data from over 100 authorities with  
in-built analytics software developed by patent information experts



## WIKIPEARL, ARRIVA IL PACK GOURMET

E' l'ultima frontiera dell'ultra-cibo. Grazie alla sferificazione, il contenitore diventa parte dell'alimento e si può mangiare



## "Oltre al pranzo mi mangio anche il piatto". L'ora del packaging commestibile

Uno studente italiano ha vinto un premio per le sue ricerche sulle pellicole protettive edibili, cioè da mangiare insieme alle pietanze. È in buona compagnia: da qualche anno il settore degli imballaggi e degli strumenti alimentari stimola la fantasia di designer, ingegneri e artisti. Che sfornano di tutto: dalle verrine in fecola di patate ai cucchiaini di mais



*Pappami, il piatto che si mangia!*  
Pappami è un nuovo prodotto per la ristorazione: un piatto da mangiare, durante o a fine pasto. I "petali" della corolla possono essere spezzati e consumati assieme alla pietanza. Sono un prodotto da forno... buono come il pane!



Lavazza Cookie Cup

# Definizione della strategia di ricerca: keyword

#	Search query	Results	Options
1	tac=(edible packag* or eatable packag* or edible container or eatable container or edible cup or eatable cup or edible bowl or eatable bowl)	426	View   Browse   Hits   Optimise   more...
2	tac=((edible or eatable) wf2 (packag* or container or cup or bowl))	759	View   Browse   Hits   Optimise   more...
3	2 not 1	333	View   Browse   Hits   Optimise   more...

Information Shortcuts

## 2: More options

[PatBase Analytics](#)

Statistical analysis

Show Snapshot

Visual explorer

Export search results

PatBase ANALYTICS



Summary

Jurisdiction -

Year -

Assignee -

Inventor -

Classification -

Keyword -

Legal -



Search: 2 [759] tac=((edible or eatable) wf2 (packag\* or container...

All

Circle

Grid



Widgets

Select Widgets

Summary

tac=((edible or eatable) wf2 (packag\* or container or cup or bowl))

- 53 Jurisdictions
- 22nd November 1911 to 23rd September 2015
- 103 years, 10 months, 1 day
- 516 assignees (206 with granted patents)

	Families	Applications
Totals	759	1,250
Grants	277 (36.5%)	490 (39.2%)

Patents: 79.52%    Designs: 7.41%    Utilities: 9.59%    Other: 3.48%

Large result sets can take a few moments to prepare, please be patient.

**i** # Occasionally the data may contain missing or invalid dates - these are noted in red; these items may not appear in the graphs and tabular breakdowns. In addition sometimes other names or numbers are missing or invalid, wherever possible these are also noted.

\* Please note that non-unique items are marked with an asterisk. For example: families often contain patents from multiple jurisdictions meaning that in some instances families can be counted more than once (once for each jurisdiction).

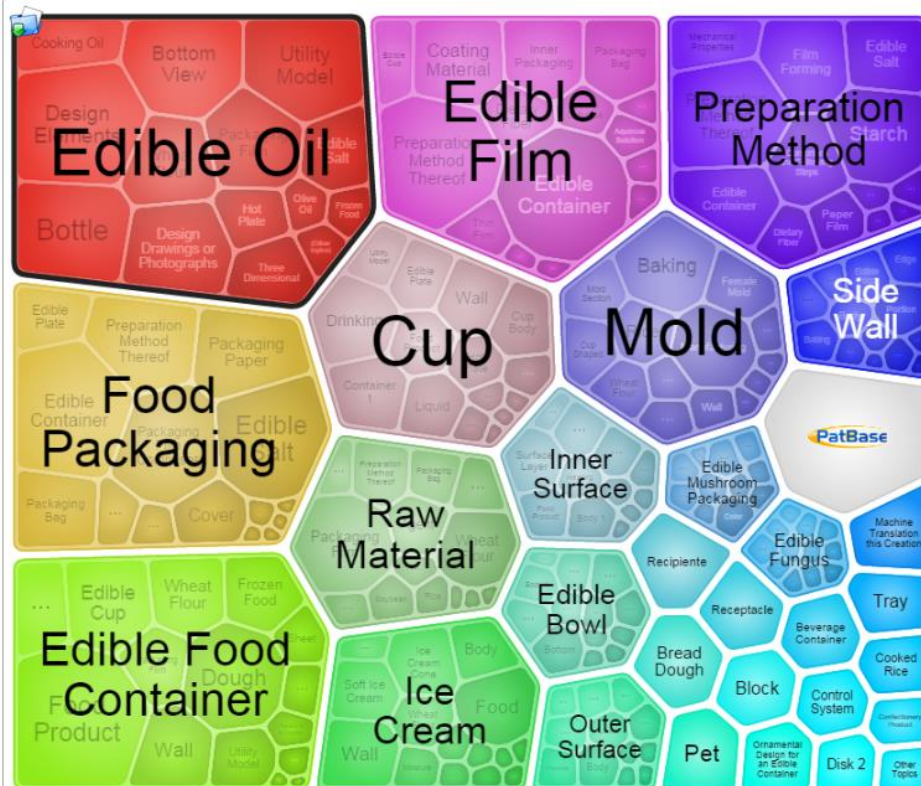
Primary Keywords

Packaging Material Edible  
Food Container Filling  
Edible Oil Film Utility Model  
Food Product Manufacturing Ice  
Cream Edible Salt Packaging Cup  
Frozen Sheet Shaped Wine Disk Grain  
Particles Assembly Length Movement  
Fed

Edible Packaging Film  
Container Flour Packaging  
Edible Container Advantages  
Sheet Packaging Film Provided  
Shaped Food Dough Container 1  
Edible Container Edible Packaging  
Film Camellia Oil 2 the Design Show  
that the Design Drawings or  
Photographs Preparation Method  
Thereof Mold Body Cone Shaped Sugar  
Portion Type Film Soft Edible Liquid  
Bag Suitable Bottom View Valve



Search: 2 [759] tac=((edible or eatable) wf2 (packag\* or container... All


Cluster "Edible Oil" contains 196 unique identified families in 14 child-clusters.  
25.8% of all patents from this search are represented in this cluster.

View in Patbase

1. [Edible Oil Packaging Labels Corn](#)

MACHINE TRANSLATION Claim 1 1 designs product name **edible oil** packaging standard paste corn 2 design uses for oil tank outer wrapping Design features of the design the design elements of the design is that...

2. [Edible Oil Packaging Labels Peanut Luzhou](#)

MACHINE TRANSLATION Claim 1 1 designs product name **edible oil** packaging standard paste peanut Luzhou 2 design uses used in the packaging of the drums Design features of the design the design elements of the design is...

3. [Edible Oil Packaging Labels Edible Oil](#)

MACHINE TRANSLATION Claim 1 1 designs product name **edible oil** packaging labels **edible oil** 2 design uses used in the packaging of the drums Design features of the design the design elements of the design is...

4. [Stickers Small Rural Grandmother Arowana Virgin](#)

...the product name sticker small rural grandmother Arowana virgin 2 The design uses of products for **edible oil** packaging pail 3 The design features of the design Pattern 4 Best show or photographs of the...

5. [Container Encircling Stickers Golden Cauliflower 2](#)

...name container encircling stickers golden cauliflower 2 2 The design uses of products Paste in the **edible oil** container periphery 3 The design features of the design Pattern 4 Best show or photographs of the...

6. [Cans Tomato Seed Oil 1](#)

1 The design is the product name cans tomato seed oil 1 2 The design product uses mainly used for tomato...

7. [Cans Tomato Seed Oil 2](#)

1 The design is the product name cans tomato seed oil 2 2 The design product uses mainly used for tomato...

8. [Corn Oil Drums](#)

...design is the product name corn oil drums 2 The use of the product design The design product for **edible oil** packaging 3 The design product design points that the bottle itself shapes and patterns 4 shows...

9. [Bottles Of Cooking Oil Peanut Shell Pattern](#)

1 The exterior design of the product name **edible oil** bottles peanut shell pattern 2 The product design Uses This product is used for the design of the product design for **edible oil** packaging storage 3 Design...

10. [Boxes Two](#)

1 The name of the product design packing boxes two 2 uses the product design for **edible oil** packaging 3 design features of the design The design point is that the packaging patterns shapes and combinations...

11. [Handbag A](#)

1 The exterior design of the product name handbag a 2 The product design uses for **edible oil** packaging 3 Design elements of the product design that packaging design shape and combination 4 Most designs can be...

12. [Edible Oil Barrel](#)

1 The exterior design of the product name **edible oil** barrel 2 The product design Uses This product is used for **edible oil** packaging design 3 The design features the product's design that the overall shape 4...

13. [Camellia Box](#)

1 The exterior design of the product name camellia box 2 The product design uses for **edible oil** packaging 3 The design features product design combining shape and pattern 4 Most of the designs can be shown a...

#	Search query	Results
1	tac=((edible packag* or eatable packag* or edible container or eatable container or edible cup or eatable cup or edible bowl or eatable bowl))	426
2	tac=((edible or eatable) wf2 (packag* or container or cup or bowl))	759
3	2 not 1	333
4	tac=((edible or eatable) wf2 (film or wrap or packag* or container or cup or bowl))	1553
5	4 not tac=edible oil	1405

# Definizione della strategia di ricerca: classificazioni

Search: 2 [759] tac=((edible or eatable) wf2 (packag\* or container... [All

No. of results: 285 International Patent Classification (IPC) / 182 Cooperative Patent Classification (CPC)



## Families Settings

No. of classifications to show: 25

Classification System: ☒ IPC ☐ CPC

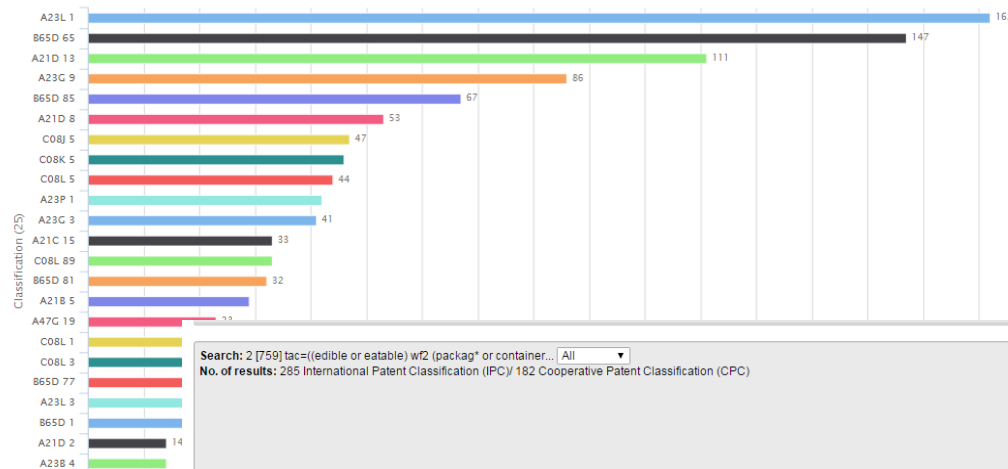
Classification Grouping: ☐ Group ☒ Family

Family/ Classification Threshold: 5

Hide everything below threshold? ☒ Yes ☐ No

## No. of families by IPC classification (top 25 classifications by Group)

There are a maximum of 759 families available. 1,152\* are shown in this graph.  
25 classifications selected, minimum threshold 5.



Search: 2 [759] tac=((edible or eatable) wf2 (packag\* or container... [All

No. of results: 285 International Patent Classification (IPC) / 182 Cooperative Patent Classification (CPC)



## Families Settings

No. of classifications to show: 25

Classification System: ☐ IPC ☒ CPC

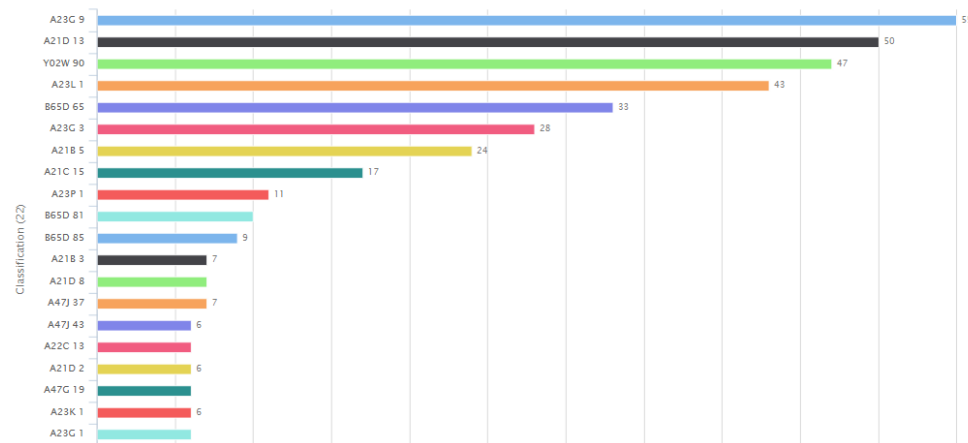
Classification Grouping: ☐ Group ☒ Family

Family/ Classification Threshold: 5

Hide everything below threshold? ☒ Yes ☐ No

## No. of families by CPC classification (top 25 classifications by Group)

There are a maximum of 759 families available. 394\* are shown in this graph.  
25 classifications selected, minimum threshold 5.



# Definizione della strategia di ricerca: classificazioni



Menu - Search - History - Session - Folder - Order - Help - Logoff

Classification finder

Class description:  e.g. cam near shaft

Search in: ☐ International (IPC) ☐ Cooperative Patent (CPC) ☐ US class ☐ European (ECLA) ☒ Japanese (F-terms)

Search

Query: \*edible packag\*\* Results found: 7

Search selected classes

## Japanese (F-terms) (7)

- |   |  |
|---|--|
| <input type="checkbox"/> 3E                       | Packaging, containers, coin handling, manufacturing of paper products                          |
| <input type="checkbox"/> 3E052                    | Bundling articles for packaging  |
| <input type="checkbox"/> 3E052/AA00               | BUNDLED ARTICLES   |
| <input type="checkbox"/> .3E052/AA21              | Flat articles  |
| <input type="checkbox"/> ..3E052/AA32             | Laver (i.e., edible seaweed)   |
| <input type="checkbox"/> 4B                       | Foodstuffs, genetic engineering, fermentation  |
| <input type="checkbox"/> 4B014                    | Confectionery  |
| <input type="checkbox"/> 4B014/GE00               | CONFIGURATION (I.E., EXTERNAL APPEARANCE AND FORM), INTERNAL STRUCTURE AND PACKAGING CONTAINER |
| <input type="checkbox"/> .4B014/GE11              | Packaging containers   |
| <input type="checkbox"/> ..4B014/GE12             | Cartons in special forms (i.e., for maintaining special shapes)                                |
| <input checked="" type="checkbox"/> ...4B014/GE13 | Edible containers  |
| <input type="checkbox"/> 4B019                    | Edible seaweed   |
| <input type="checkbox"/> 4B019/LE00               | CONFIGURATIONS   |
| <input type="checkbox"/> .4B019/LE09              | Packaging  |
| <input type="checkbox"/> 4B019/LP00               | PROCESSES  |
| <input type="checkbox"/> .4B019/LP16              | Packaging  |
| <input type="checkbox"/> 4B026                    | Edible oils and fats   |
| <input type="checkbox"/> 4B026/DP00               | CHARACTERISTICS OF MANUFACTURING METHODS AND DEVICES   |
| <input type="checkbox"/> .4B026/DP06              | Packaging  |
| <input type="checkbox"/> 4B035                    | General preparation and processing of foods  |
| <input type="checkbox"/> 4B035/LE00               | PRODUCT SHAPES   |
| <input type="checkbox"/> .4B035/LE11              | Substances that are packaged or packed into containers   |
| <input checked="" type="checkbox"/> ..4B035/LE12  | Substances whereby the containers, bags, and the like are edible                               |
| <input type="checkbox"/> 4B036                    | Seeds, soups, and other foods  |
| <input type="checkbox"/> 4B036/LE00               | PRODUCT CONFIGURATIONS   |
| <input type="checkbox"/> .4B036/LE05              | Packaged foods and foods packed in containers  |
| <input checked="" type="checkbox"/> ..4B036/LE06  | Foods packed in edible containers  |

Back to top

Search selected classes



Summary Jurisdiction Year Assignee Inventor Classification Keyword Legal

## Summary

19 not (cc=cn and nc=1)

- 80 Jurisdictions
- 22nd November 1911 to 27th September 2015
- 103 years, 10 months, 5 days
- 1,777 assignees (944 with granted patents)

	Families	Applications
Totals	2,992	10,840
Grants	1,509 (50.43%)	4,800 (44.28%)

4#

Patents: 89.04% Designs: 0.11% Utilities: 4.23% Other: 6.62%

Large result sets can take a few moments to prepare, please be patient.

# Occasionally the data may contain missing or invalid dates - these are noted in red; these items may not appear in the graphs and tabular breakdowns. In addition sometimes other names or numbers are missing or invalid, wherever possible these are also noted.

\* Please note that non-unique items are marked with an asterisk. For example; families often contain patents from multiple jurisdictions meaning that in some instances families can be counted more than once (once for each jurisdiction).

## Geographical Heat Map

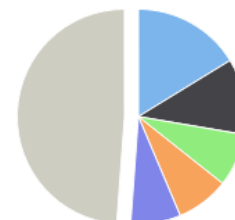


## Primary Keywords

Food Film Packaging  
Material Water Soluble  
Biodegradable Sealing Sheet  
Edible Container Raw Material  
Water Activity Ice Cream Fold Dough  
Dispensing Plane Inside an Outer  
Dosage Element Insulating Material  
Low Cost g Day Atm Wire Membrane  
Cushioning Tablets Gel Formulations  
Microcapsule

## Top 5 Jurisdictions by Family

Hide Other



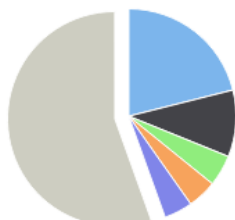
## Top 5 Assignees by Family

Show Other (94%)



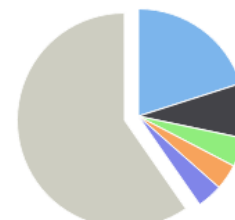
## Top 5 IPC Classifications by Family

Hide Other


Edible Water Soluble Film  
Substance Products Inner  
Container Bag Packing Products  
Layer Film Forming Preferably  
Capsule Water Soluble Bag  
Products Component Bag Starch  
Wall Wall Edible Film  
Biodegradable Film Agent Body  
Biodegradable Film Molded  
Packing Cellulose Matrix Casing

## Top 5 CPC Classifications by Family

Hide Other



Summary Jurisdiction Year Assignee Inventor Classification Keyword Legal

Search: 20 [2992] 19 not (cc=cn and nc=1) All

No. of results: 104 Years

## Applications Settings

Year range: 1980 to 2015

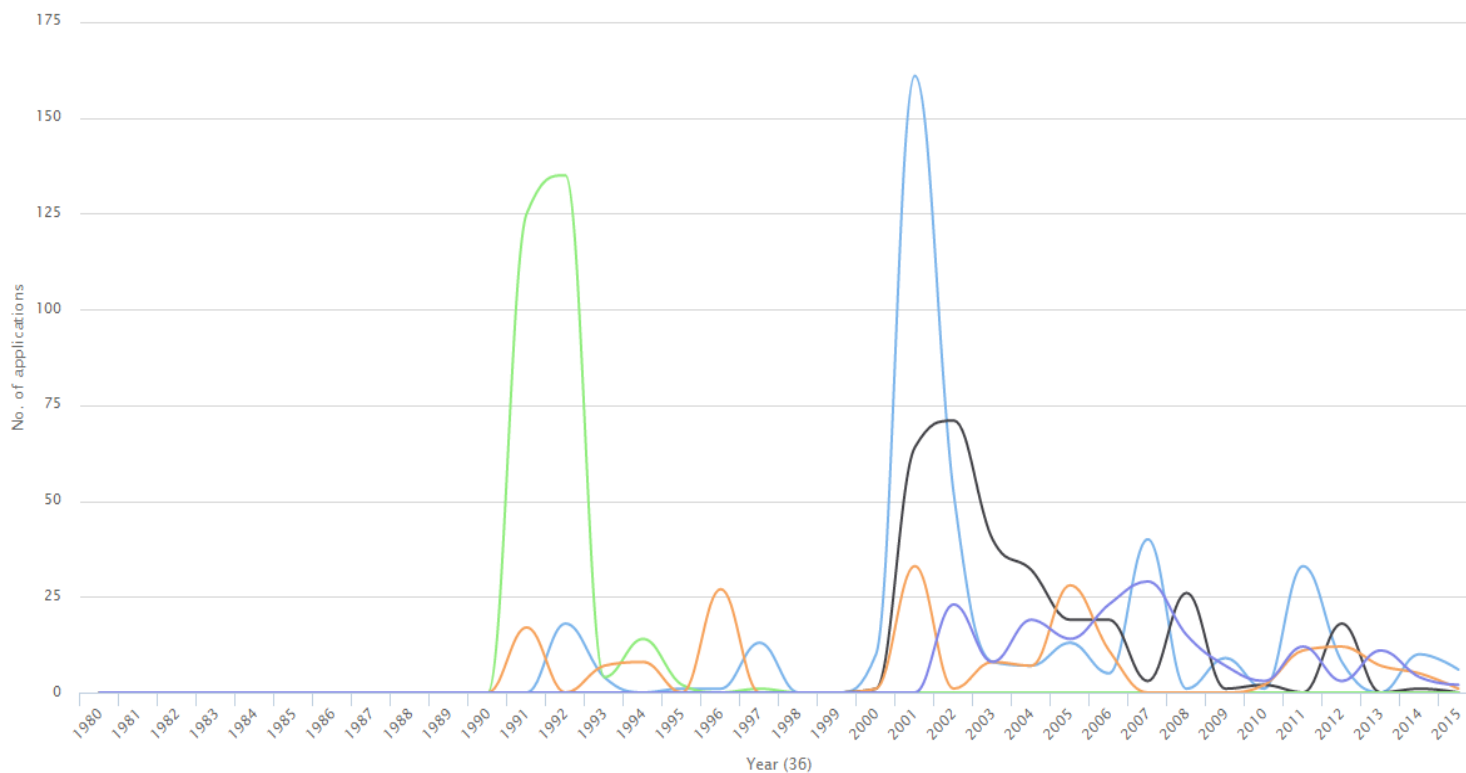
Application Threshold: 0

Breakdown by: Assignee

No of breakdown items: 5

## No. of applications by applications year, breakdown by Assignee 1980 to 2015

There are a maximum of 10,840 applications available. 10,020 are shown in this graph.  
36 years selected, 5 assignees selected, minimum threshold 0.



[Group: Procter] [Group: Reckitt Benckiser] Rhone Poulenc Agrochimie Nestec Sa Monosol Rx Llc

Search: 20 [2992] 19 not (cc=cn and nc=1) All  
No. of results: 1,777 Assignees

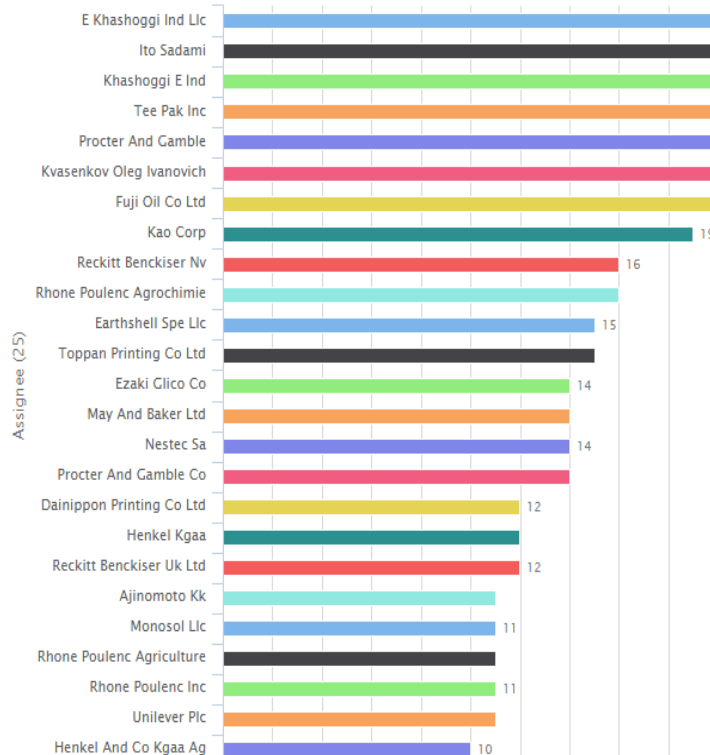
Families  
Applications  
Grants  
Combined  
Activity

## Families Settings

No. of assignees: 25  
Drilldown to: CPC  
Family Threshold: 5  
Hide everything below threshold? Yes

## No. of families by probable

There are a maximum of 2,992 families  
25 assignees selected, 1



## 1. Select assignees to group.

Current result set (a-z) 13  
R 68  
Reckitt Benckiser Nv  
Reckitt Benckiser Uk Ltd  
Red Arrow Products Co Lic  
Red Arrow Products Co Ltd  
Redbridge Holdings Ltd  
Reichenecker Hans Storopack  
Rema Ind And Serv Pty Ltd  
Rommel Jochen  
Res Ass For Biotechnology Of A  
Res Ass Of British Flour Mille  
Res Corp Technologies Inc  
Research Inst Of Food Concentrates ...  
Rettenbacher Markus Dipl Ing

## 2. Name the group.

Reckitt Benckiser  
Working group 3  
Reckitt Benckiser Uk Ltd  
Reckitt Benckiser And Reckitt Benck...  
Reckitt Benckiser N V

## 3. Save the group.

Save Group Done  
Saved groups 2/4  
Kashoggi Ind 2  
Reckitt Benckiser 3

No. of families

# Gli inventori

Summary Jurisdiction ▼ Year ▼ Assignee ▼ Inventor ▼ Classification ▼ Keyword ▼ Legal ▼

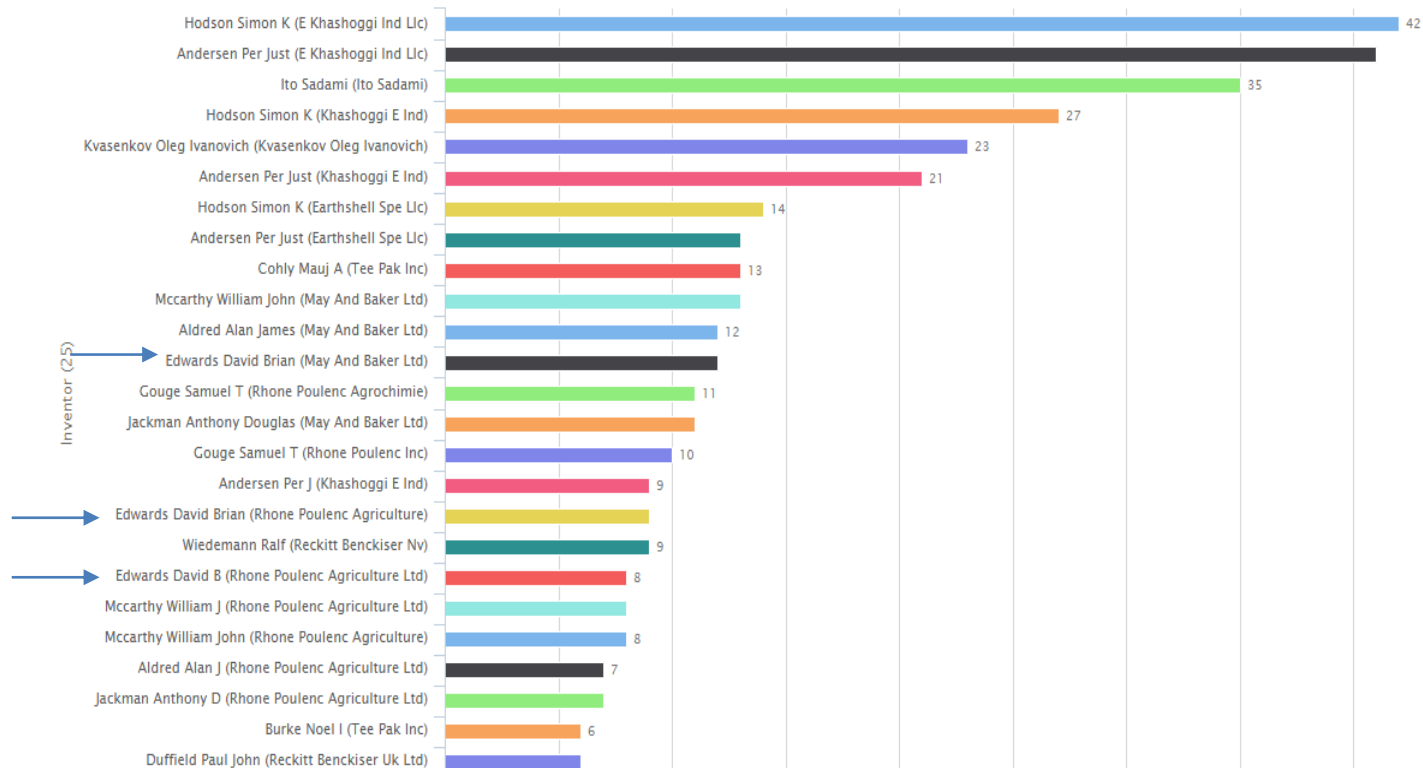
Search: 20 [2992] 19 not (cc=cn and nc=1) All ▼  
No. of results: 6,218 Inventors/ 6,706 when split by assignee

## Families Settings

No. of inventors: 25 ▼  
Group by Company Name: Yes ☐  
Family Threshold: 5 ▼  
Hide everything below threshold? Yes ☐

## No. of families by inventor (top 25 inventors)

There are a maximum of 2,992 families available. 375\* are shown in this graph.  
25 inventors selected, minimum threshold 5.





1) Family number: 32711611 (US2008008785A)

© PatBase

Title: EDIBLE FOOD CONTAINER AND METHOD OF MAKING SAME

**Abstract:** Source: US2008008785A An edible food container comprises a main body (2) having a central portion for supporting food (3), at least one peripheral portion (4) extending therefrom for laterally containing food. The central portion (3) and the peripheral portion (4) are both made of the same edible material. Furthermore, the peripheral portion (4) has one or more removable areas (5) having differential mechanical strength from the central portion (3) to facilitate separation and removal of such one or more removable areas (5) by a user.

**Classifications:**

**International (IPC 8-9):** A21D13/00 A23G3/34 A23L1/00 B65D1/26 B65D5/54 B65D65/46

B65D85/78 (Advanced/Invention);  
A21D13/08 (Advanced/Non-invention);  
A21D13/00 A23G3/34 A23L1/00 B65D5/54  
B65D85/72 (Core/Invention);

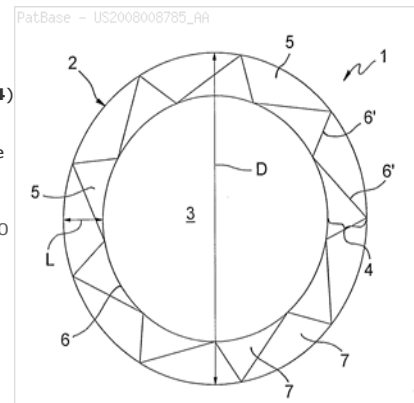
A21D A23G A23L B65D (Subclass/Invention)

**International (IPC 1-7):** A23L1/00

**CPC:** A21D13/0029 A23G3/343 A23G3/56 A23L1/0067  
B65D65/463

**European:** A21D13/00D4B A23G3/34C A23G3/56 A23L1/00P8E B65D65/46B

**US:** 426/391 426/76



**Family:**

Publication number	Publication date	Application number	Application date
AT383778 E	20080215	AT20050784138T	20050907
AU2005281402 AA	20060316	AU20050281402	20050907
AU2005281402 BB	20100107	AU20050281402	20050907
BRPI0515642 A	20080729	BR2005PI15642	20050907
CA2578345 AA	20070221	CA20052578345	20050907
CN101052313 A	20071010	CN200580029965	20050907
CN101052313 B	20100505	CN200580029965	20050907
DE602005004421 D1	20080306	DE200560004421T	20050907
DE602005004421 T2	20090108	DE200560004421T	20050907
DK1784086 T3	20080519	DK20050784138T	20050907
EA010675 B1	20081030	EA20070000592	20050907
EA200700592 A1	20071026	EA20070000592	20050907
EP1784086 A1	20070516	EP20050784138	20050907
EP1784086 B1	20080116	EP20050784138	20050907
ES2301053 T3	20080616	ES20050784138T	20050907
IL181763 A0	20070704	IL20070181763	20070307
JP2008512314 T2	20080424	JP20070530785T	20050907
PT1784086 T	20080423	PT20050784138T	20050907
US2008008785 AA	20080110	US20050574750	20050907
WO06027666 A1	20060316	WO2005IB02649	20050907
Publication number	Publication date	Application number	Application date
IN00973CN2007 A	20070824	IN2007CN00973	20070307
Publication number	Publication date	Application number	Application date
ITVI20040210 A1	20041207	IT2004VI00210	20040907
KR20070058472 A	20070608	KR20077004893	20070228
ZA200701897 A	20080827	ZA20070001897	20070305
Publication number	Publication date	Application number	Application date
SI1784086 T1	20080630	SI20050030207T	20050907

Priority:



# Di recente introduzione



## PatBase Analytics User Guide

Direttamente dalla pagina di Patbase Analytics è disponibile da scaricare la guida completa all'utilizzo



## Citation Explorer

Interfaccia interattiva per navigare all'interno delle citazioni, con funzioni di *timeline* e statistiche

**Citation Explorer :: Family 32219465**  
Blanks For Containers

Member Filter: Country  
Citation Filters: Country Year (Cited or Citing) Probable Assignee

**Browser** Notes (0) & Flags (0) Statistics Timeline Tree

**Citation Browser**  
The Citation Browser allows you to browse, study and compare patents.

Summary Full

Family Members (9)  
Backwards (18|19\*)  
Forwards (11|13)

**US2009072015 AA** Citations (0|6)

**blanks for containers**

Aquasol Ltd

A blank from which may be erected a protective enclosed tamper evident container for the packaging of articles during transportation and storage has five aligned panels that form opposed roof and floor walls having a dome shape connected at opposite ends of the container by side walls having a concave shape. The centre panel forming the floor wall has opposed closure panels that fold over the roof wall to close the open sides of the container and are provided with locking tongues that engage slots in the roof wall to secure the container. The tongues and slots provide a tamper evident mechanism for securing the container such that no adhesive is required during the erection process in order to hold the container in its closed position.

Family: 32219465  
Country: United States of America (US)  
Publication: US2009072015 AA 20090319  
Application: US20050792838 20051209  
Priorities: GB20040027153 20041210  
GB20050012644 20050622  
WO2005GB04732 20051209

**Classifications**

IPC	CPC
B65D5/42	B65D5/0209
	B65D5/2023
	B65D5/2057

**Inventors**

EDWARDS DAVID BRIAN  
MCCARTHY WILLIAM JOHN  
DREW BRUCE MICHAEL  
PARKES MICHAEL EDWARD

- Classificazione CPC aggiunta a Visual Explorer

Visual Explorer incorpora ora la classificazione CPC permettendo di visualizzare i risultati della ricerca in base alle classi CPC con maggior ricorrenza.

- Browse Index assignee/inventor

La funzione Browse Index è stata potenziata per consentire la ricerca di termini in qualunque posizione all'interno del nome. Ad esempio, cercando la parola the keyword "Rafael" si ritroverà nella lista anche "LTD RAFAEL ARMAMENT DEVELOPMENT"

- GRANT

Il comando GRANT=YES ora riporta anche i modelli ornamentali (DESIGN) e di utilità

# Qualcosa di nuovo in arrivo...



## Non-Patent Literature Search

- Attraverso PatBase Express sarà possibile ricercare in 12 fonti di letteratura non brevettuale nelle aree relative a: Agricoltura, Scienza, Informatica, Ingegneria e Multidisciplinare.
- A partire dalla ricerca brevettuale gli utenti potranno lanciare l'opzione NPL ed eseguire la stessa ricerca con parole chiave nelle seguenti fonti: Agricola, AGRIS, ScienceDirect, Pubmed, Highwire, WorldWide Science, Science.gov, CiteSeerX, IEEE Xplore, Inspec, Scopus, Google Scholar, SpringerLink
- Una ricerca più dettagliata (parole chiave e campi multipli) sarà possibile attraverso una specifica interfaccia che permette di raggruppare le fonti in funzione della disciplina trattata. I risultati sono collegati alle fonti esterne e possono essere esportati in Excel e de-duplicati.

# Grazie!

Per una prova e informazioni aggiuntive:



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