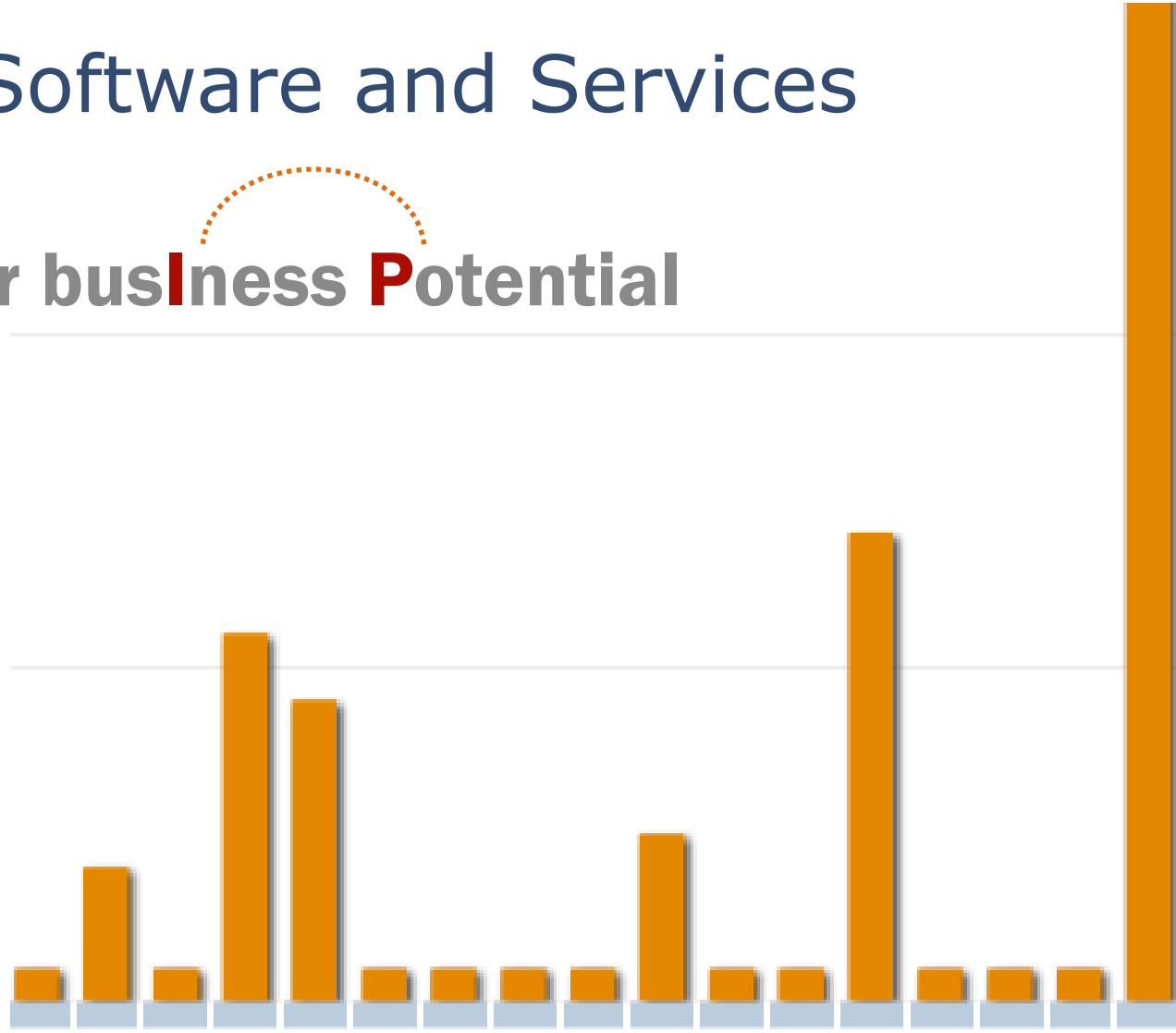


Dolcera – Software and Services

Enhance your business  Potential



Dolcera is a **Knowledge Services** company based out of Silicon Valley, USA and Hyderabad, India

Dolcera's clients include dozens of **Fortune 500 companies** across US, Europe and Asia

Current team strength of about **90 employees with experts in engineering, chemistry, packaging, food technology, biotechnology, biochemistry** etc.

Dolcera's Offerings include

- **Value added research services** in IP, technology and Market Research
- **World-class Web 2.0 technology platform** used by world's largest companies



▪ **Search services**

- ▶ Landscaping
- ▶ Prior Art
- ▶ Invalidity/FTO
- ▶ Licensing partners
- ▶ Patent Alerts

▪ **Our value add...**

- ▶ Results presented on a world class platform



Interactive next generation web application which

- Presents large quantities of patent, scientific and product literature in an organized fashion
- Assists in collaboration with colleagues and partners around the world
- Helps R&D teams, IP counsels and key decision makers in monitor the competitive landscape & find new opportunities for innovation

Visualization

Interactive charts

Quick insights

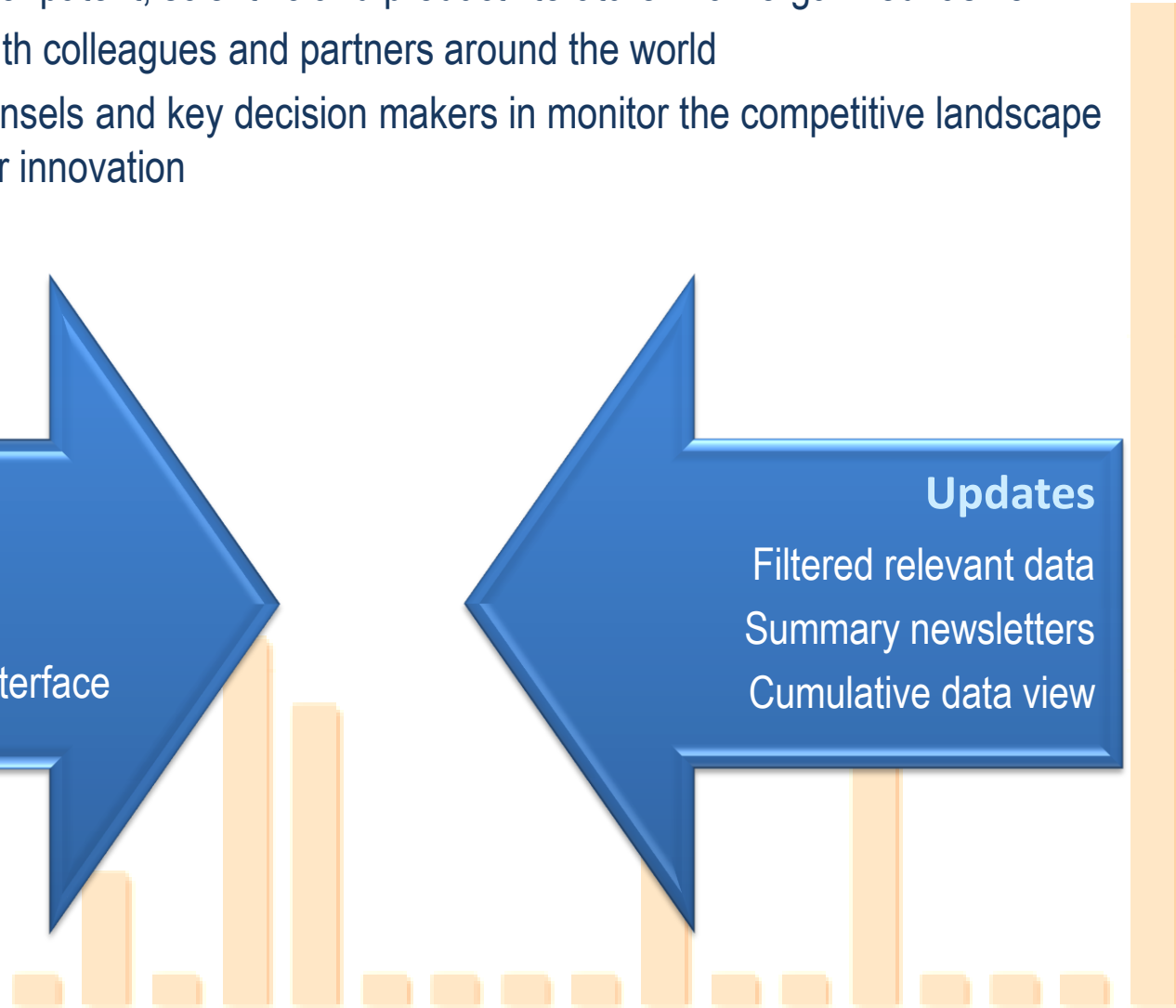
Simple and elegant interface

Updates

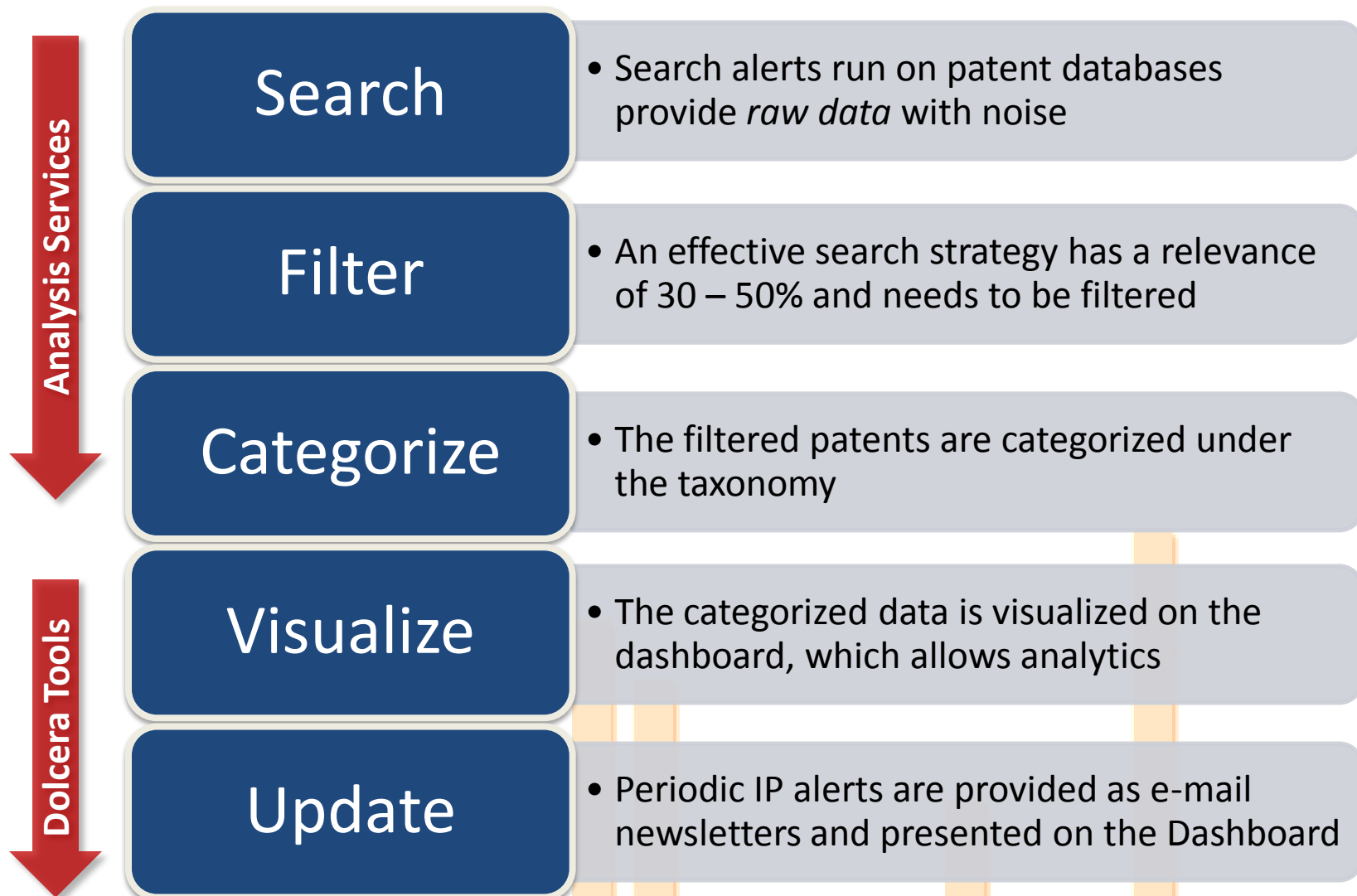
Filtered relevant data

Summary newsletters

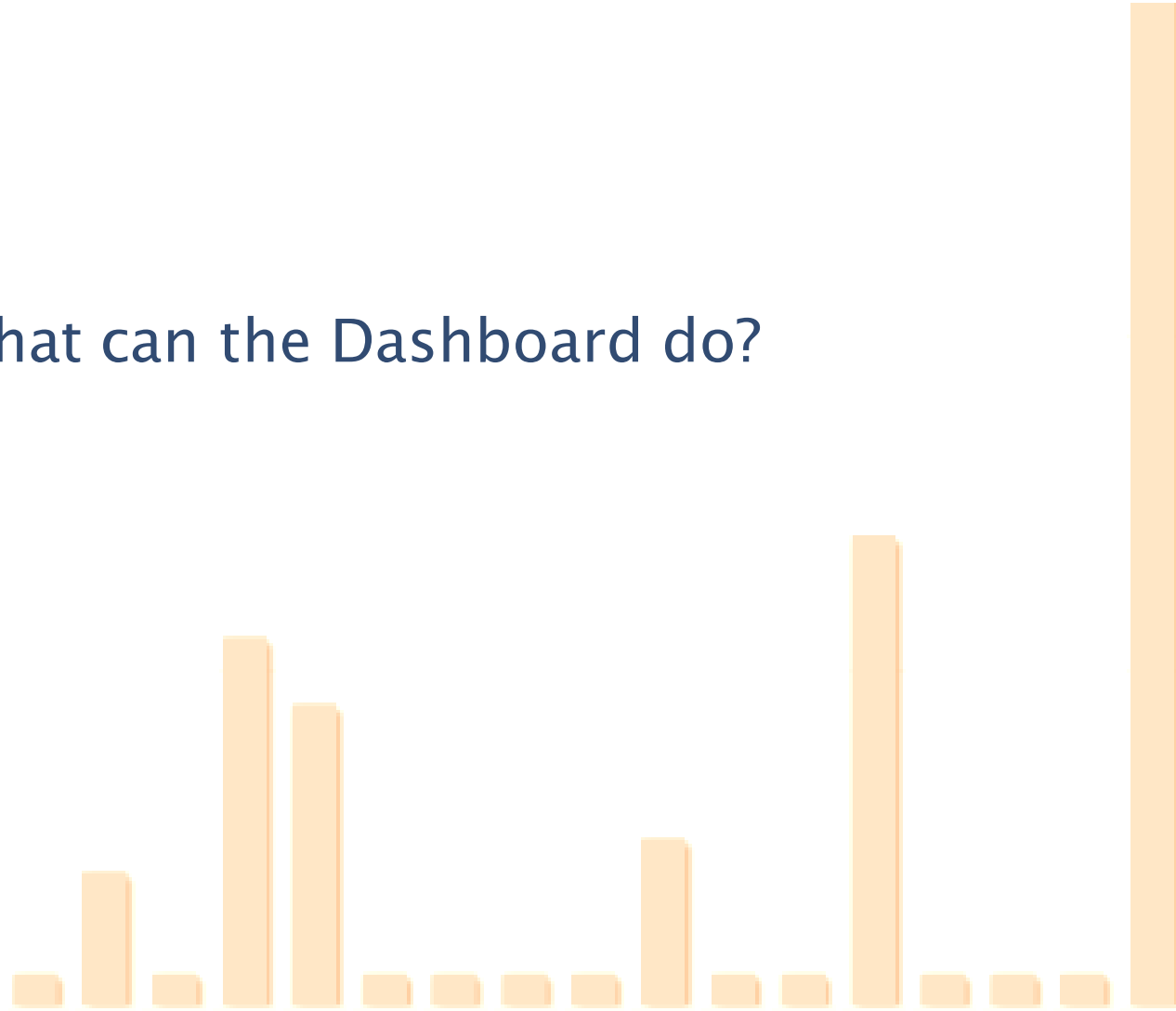
Cumulative data view



Dolcera's hybrid system tools fits into your work flow easily



What can the Dashboard do?



Collaboration

Smart Search

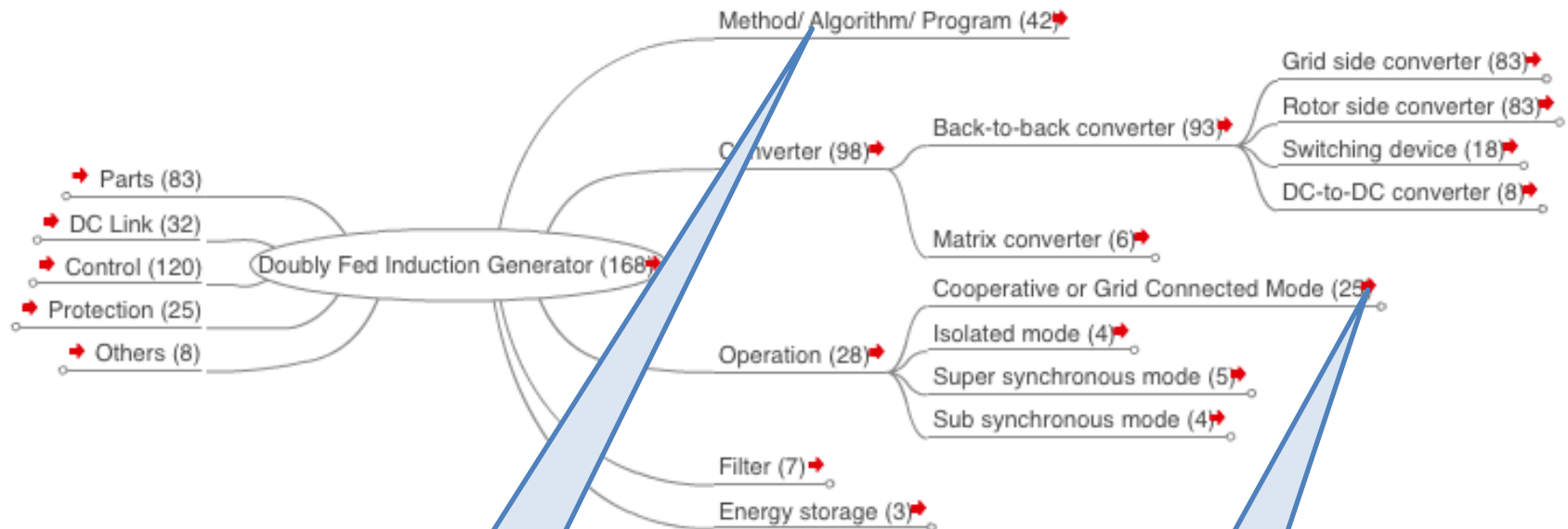
Insights and Analysis

On the fly classification



Accessing the Dashboard

Interactive Taxonomy on any platform can be used to navigate to a specific node on the Dashboard



Click on node to expand/collapse the node to navigate to sub-categories

Click on the Red Arrow next to a node to open the Dashboard to that node

Dashboard Charts View

Select category from Taxonomy

Click on Data button to view patents

Toggle various chart views

Dynamic Charts are automatically displayed

Competitive IP mapping of Air care category Information

Patents (830)

Company Statistics | **Inventor Statistics** | Timeline by Pub Year | Timeline by App Year | Timeline by Priority Year | Category Statistics

Competitive IP Mapping of Air Care Category - ALL COMPANIES

Company	Patent Count
SC Johnson & Son Inc	316
Reckitt Benckiser	150
The Procter and Gamble Company	138
Henkel KGaA	78
Kao Corp	72
Sara Lee Corporation	18
(No Company)	9
AptarGroup Inc	9
Diversey Inc	8
Ecolab Inc	5
Alkzo Nobel NV	3
Cepia LLC	2
Micro Base Technology Corporation	2
University of Southampton	1
O2Micro International Ltd	1
PAPERWEIGHT	1
BRISTOL-MYERS SQUIBB CO	1
Microgenix Ltd	1
Okishi Co Ltd	1
Micro Solution Corp	1
Beiersdorf AG	1
Microjet Technology Co Ltd	1
Microslin Llc	1
RAG AG	1
AFT Corporation Ltd	1
Jarden Corp	1
Bunny Moon Enterprises	1
Rockwood Holdings Inc	1
Ace Lab Co Ltd	1

Feedback Share Home

Charts Data

Add Del CSV

Search in: Title

Competitive IP Mapping of Air Care

- Pillar (816)
- Benefits (816)
- Electrical category (400)
- Mechanism For Fragrance/ Fluid
- Device Components & Capabilities
- Decorative Elements (149)
- Cartridge Details (800)
- Composition Aspects (809)
- Claim Type (820)

Add Edit Delete Get Info

Company(31) Inventor(1029)

ALL COMPANIES (830)

(No Company) (9)

AFT Corporation Ltd (1)

Ace Lab Co Ltd (1)

Alkzo Nobel NV (3)

AptarGroup Inc (9)

BRISTOL-MYERS SQUIBB CO (1)

Beiersdorf AG (1)

No Date Filter

All Patent Types

All Tags

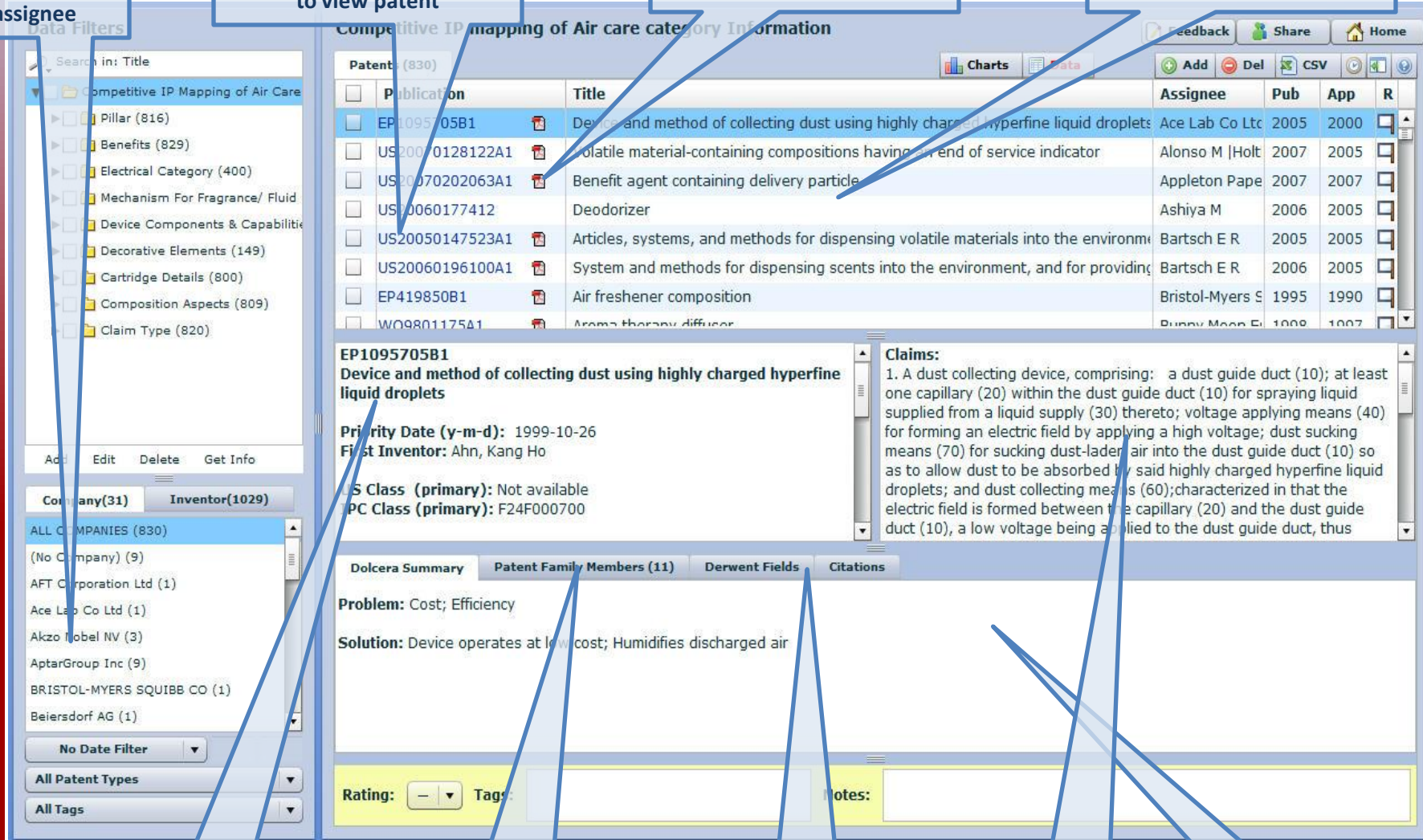
Dashboard Data View

Filter documents by assignee

Click on publication number to view patent

View PDF document for patent

Tabular format enabling quick review



The screenshot displays the Dolcera dashboard interface. On the left, a 'Data Filters' sidebar allows filtering by assignee, with a list of categories like 'Competitive IP Mapping of Air Care' and 'Pillar (816)'. The main area shows a table of patents under the heading 'Competitive IP Mapping of Air care category Information'. The table has columns for 'Publication', 'Title', 'Assignee', 'Pub', 'App', and 'R'. The selected patent, EP1095705B1, is expanded to show its details: title 'Device and method of collecting dust using highly charged hyperfine liquid droplets', priority date '1999-10-26', first inventor 'Ahn, Kang Ho', and IPC Class 'F24F000700'. A 'Claims' section lists a single claim. Below the patent details, there are tabs for 'Dolcera Summary', 'Patent Family Members (11)', 'Derwent Fields', and 'Citations'. The 'Dolcera Summary' tab is active, showing a 'Problem' of 'Cost; Efficiency' and a 'Solution' of 'Device operates at low cost; Humidifies discharged air'. At the bottom, there are fields for 'Rating' and 'Notes'.

Publication	Title	Assignee	Pub	App	R
EP1095705B1	Device and method of collecting dust using highly charged hyperfine liquid droplets	Ace Lab Co Ltd	2005	2000	
US20070128122A1	Volatile material-containing compositions having an end of service indicator	Alonso M Holt	2007	2005	
US20070202063A1	Benefit agent containing delivery particle	Appleton Paper	2007	2007	
US20060177412	Deodorizer	Ashiya M	2006	2005	
US20050147523A1	Articles, systems, and methods for dispensing volatile materials into the environment	Bartsch E R	2005	2005	
US20060196100A1	System and methods for dispensing scents into the environment, and for providing	Bartsch E R	2006	2005	
EP419850B1	Air freshener composition	Bristol-Myers S	1995	1990	
WO9801175A1	Aroma therapy diffuser	Bruno Maglioli	1998	1997	

EP1095705B1
Device and method of collecting dust using highly charged hyperfine liquid droplets
Priority Date (y-m-d): 1999-10-26
First Inventor: Ahn, Kang Ho
IPC Class (primary): Not available
IPC Class (secondary): F24F000700

Claims:
1. A dust collecting device, comprising: a dust guide duct (10); at least one capillary (20) within the dust guide duct (10) for spraying liquid supplied from a liquid supply (30) thereto; voltage applying means (40) for forming an electric field by applying a high voltage; dust sucking means (70) for sucking dust-laden air into the dust guide duct (10) so as to allow dust to be absorbed by said highly charged hyperfine liquid droplets; and dust collecting means (60); characterized in that the electric field is formed between the capillary (20) and the dust guide duct (10), a low voltage being applied to the dust guide duct, thus

Problem: Cost; Efficiency
Solution: Device operates at low cost; Humidifies discharged air

Abstract/IPC Classes/Title etc

Click to view family members of that patent

Click to view Derwent info and citations

Claims

Dolcera Analysis summary

Dolcera Dashboard

Select Category

Oral Care



Select Chart Type

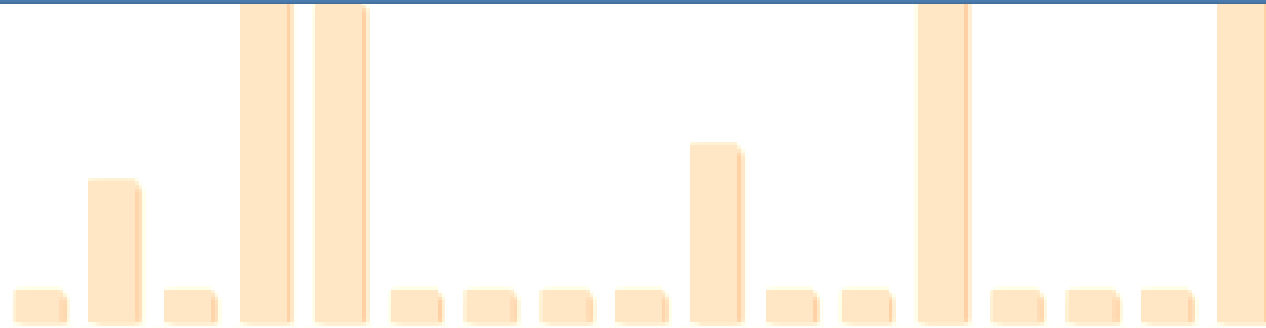
Problem Vs Solution Vs Company Vs Patents Chart (Stacked)

Problem Vs Company Vs Timeline Vs Patents Charts (Stacked)

Problem Vs Solution Vs Company Vs Patents Chart (Bubble)

Create Chart

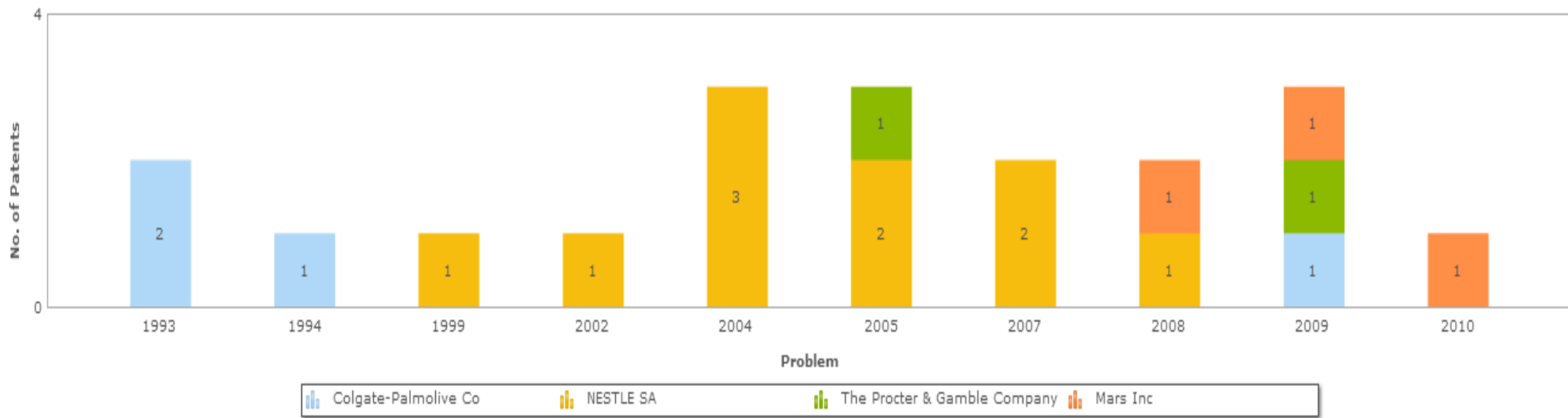
Dolcera Dashboard



Dashboard for Insights and analytics

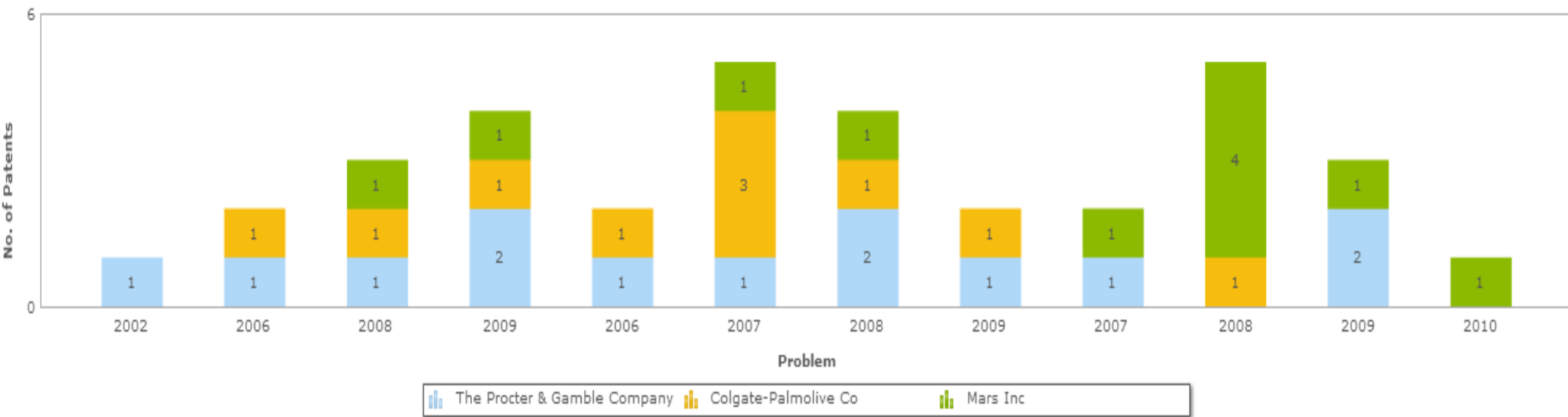
FusionCharts Trial

Tartar/ calculus



FusionCharts Trial

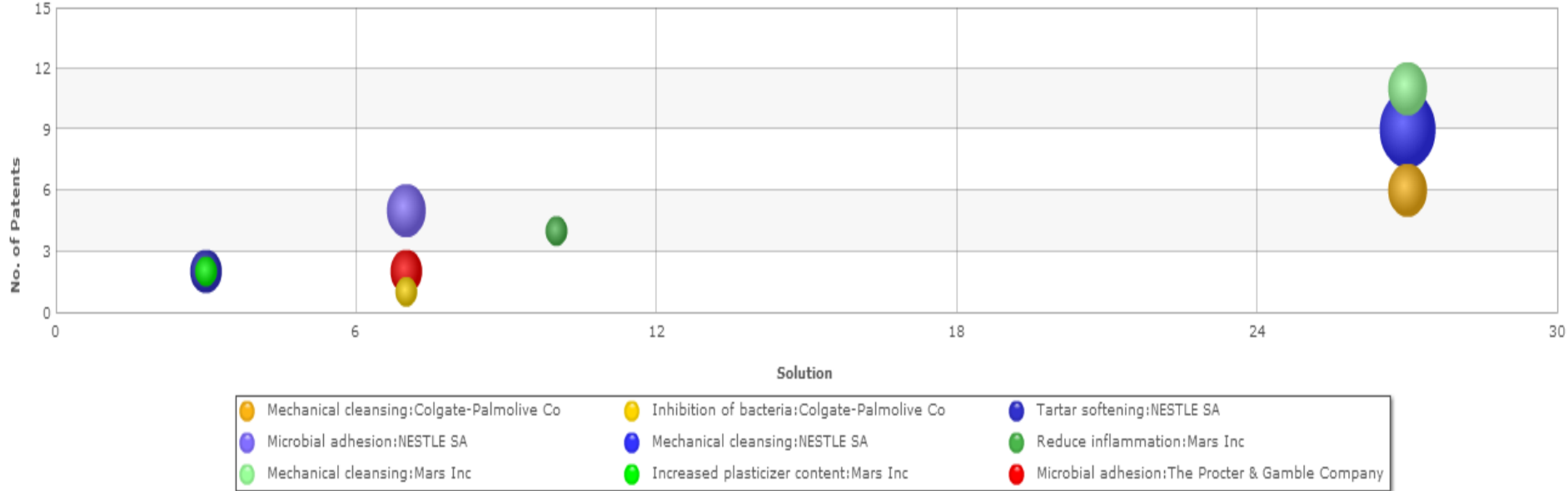
Inflammation of gums



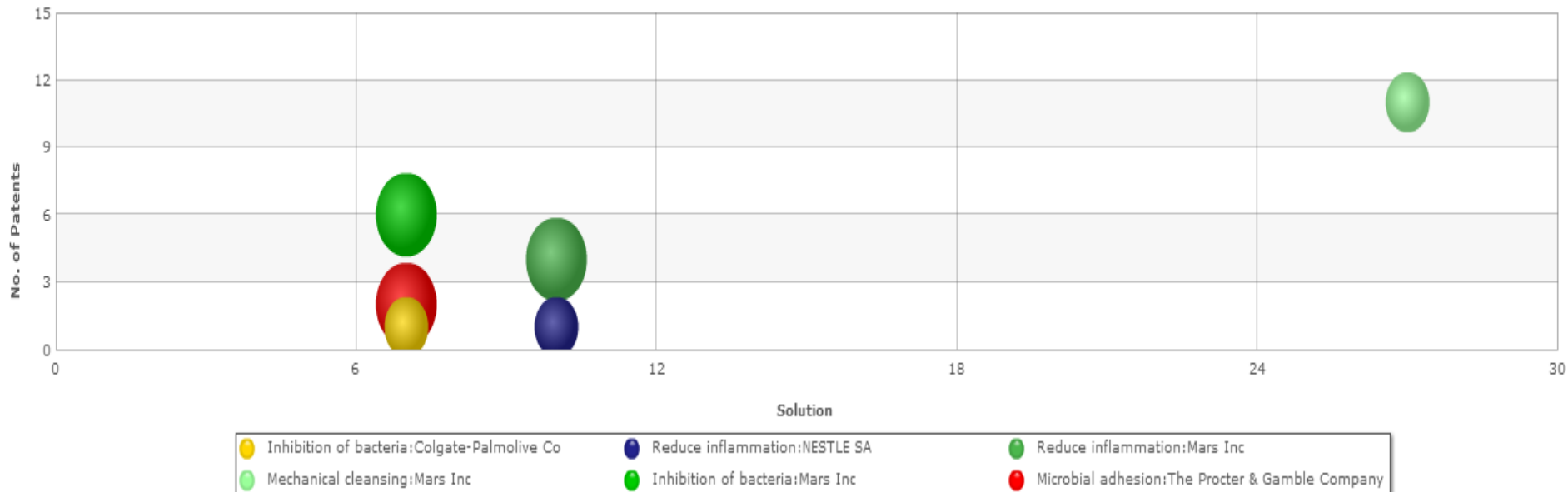
Dashboard for Insights and Analytics



Tartar/ calculus



Microbial growth (Bad breath)

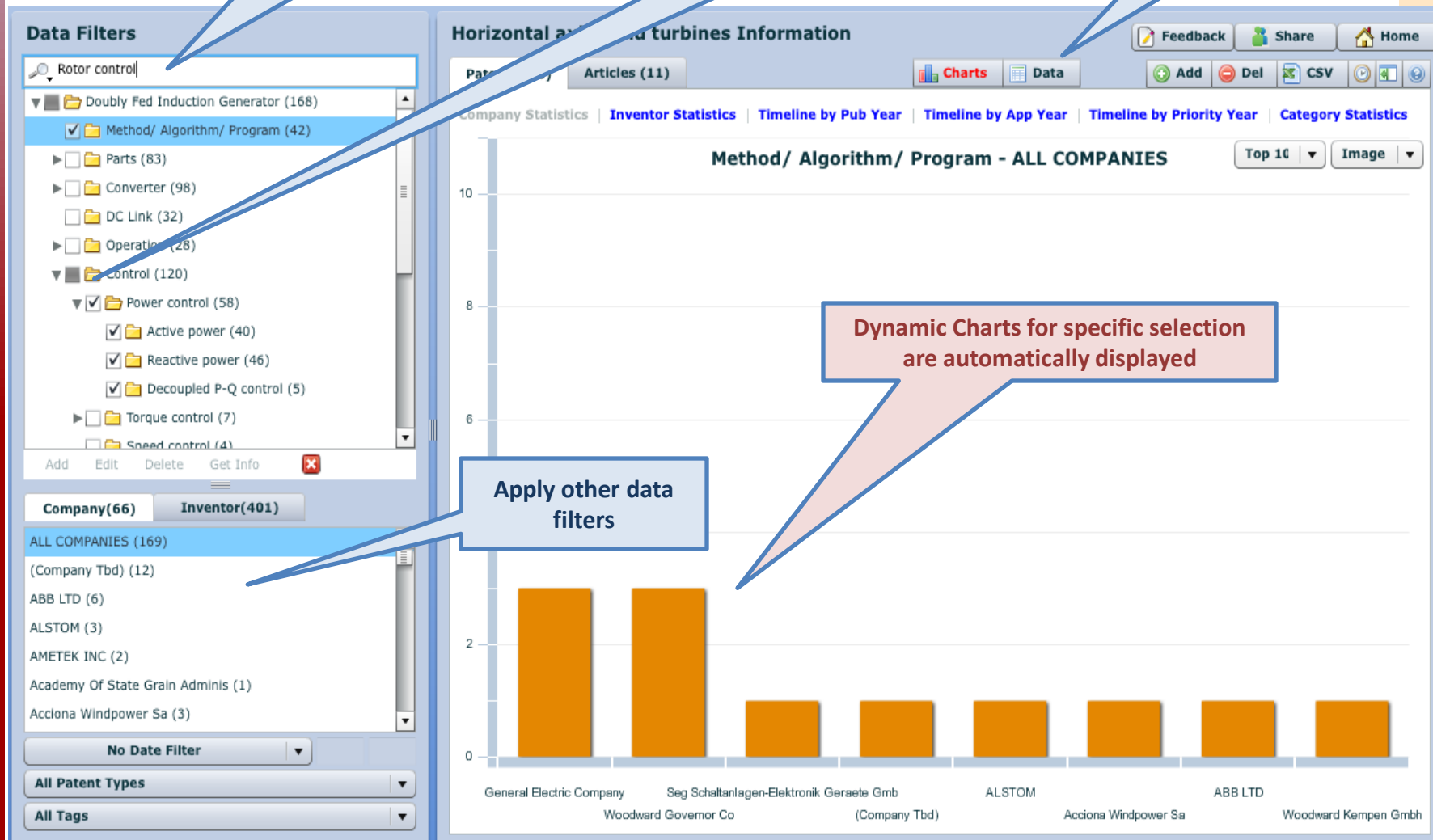


Insights and analytics

Run a search for specific keywords within a selected scope of Claims, Title, Abstract, Full-text

Select single or multiple categories using checkboxes

Click on Data button to view patents for selection



The screenshot displays the Dolcera analytics interface. On the left, the 'Data Filters' panel shows a search for 'Rotor control' and a tree view of categories. The 'Method/ Algorithm/ Program' category is selected, and its sub-categories are also checked. Below this, 'Company(66)' and 'Inventor(401)' are selected. The main area shows 'Horizontal and turbines Information' with a 'Data' button. A bar chart titled 'Method/ Algorithm/ Program - ALL COMPANIES' is displayed, showing the number of patents for various companies. The chart has a y-axis from 0 to 10 and an x-axis with company names. A 'Dynamic Charts for specific selection are automatically displayed' callout points to the chart.

Company	Count
General Electric Company	10
Woodward Governor Co	10
Seg Schaltanlagen-Elektronik Geraete Gmb	3
(Company Tbd)	3
ALSTOM	3
Acciona Windpower Sa	3
ABB LTD	3
Woodward Kempen Gmbh	3

Apply other data filters

Dynamic Charts for specific selection are automatically displayed

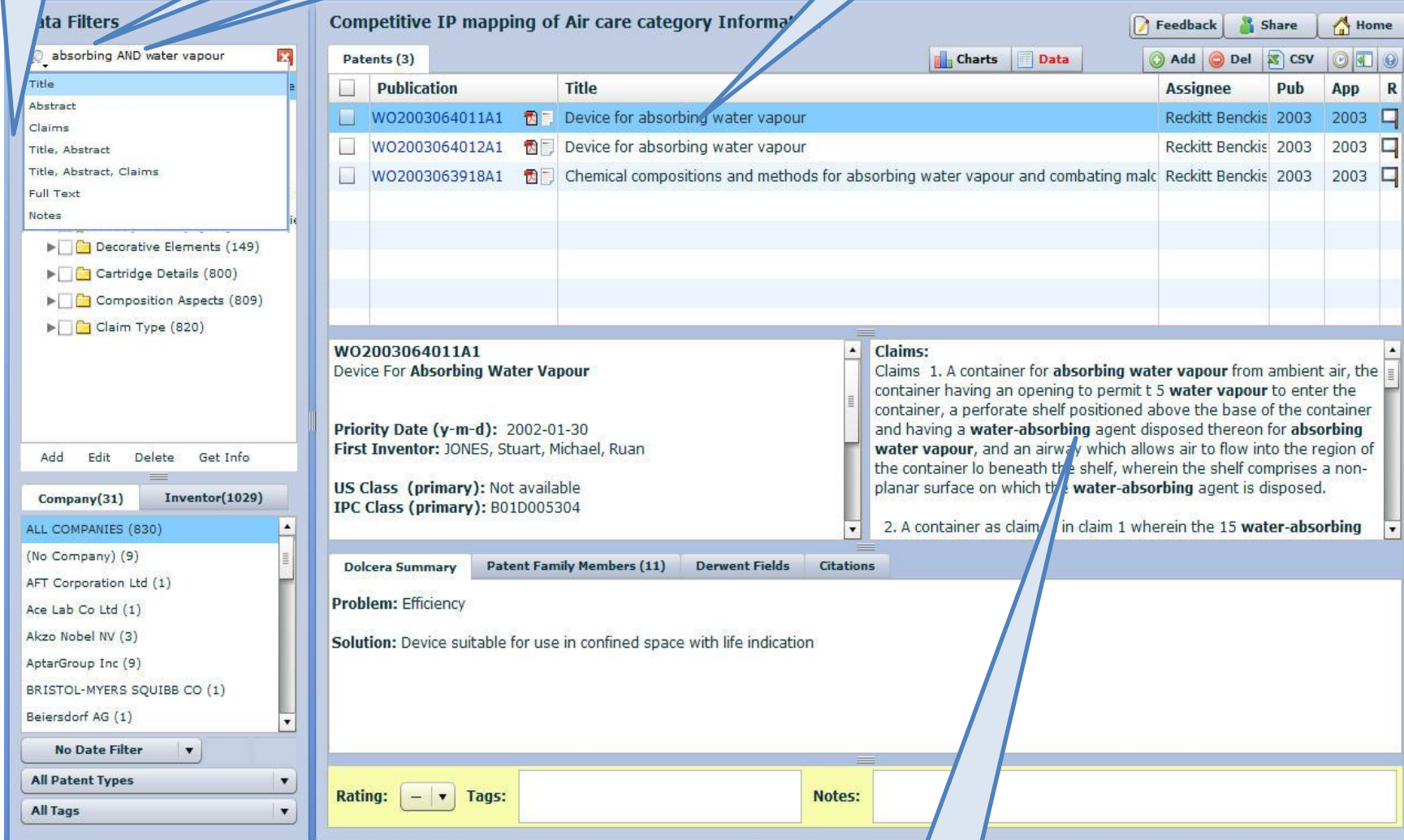
Search Dashboard

Select Scope of search

Enter Search keywords

Binary operators can be used

Ranked search results displayed



Data Filters

absorbing AND water vapour

- Title
- Abstract
- Claims
- Title, Abstract
- Title, Abstract, Claims
- Full Text
- Notes

- Decorative Elements (149)
- Cartridge Details (800)
- Composition Aspects (809)
- Claim Type (820)

Add Edit Delete Get Info

Company(31) **Inventor(1029)**

ALL COMPANIES (830)

- (No Company) (9)
- AFT Corporation Ltd (1)
- Ace Lab Co Ltd (1)
- Akzo Nobel NV (3)
- AptarGroup Inc (9)
- BRISTOL-MYERS SQUIBB CO (1)
- Beiersdorf AG (1)

No Date Filter

All Patent Types

All Tags

Competitive IP mapping of Air care category Informa

Feedback Share Home

Charts Data

Add Del CSV

Publication	Title	Assignee	Pub	App	R
<input type="checkbox"/> WO2003064011A1	Device for absorbing water vapour	Reckitt Benckis	2003	2003	
<input type="checkbox"/> WO2003064012A1	Device for absorbing water vapour	Reckitt Benckis	2003	2003	
<input type="checkbox"/> WO2003063918A1	Chemical compositions and methods for absorbing water vapour and combating mal	Reckitt Benckis	2003	2003	

WO2003064011A1
Device For **Absorbing Water Vapour**

Priority Date (y-m-d): 2002-01-30
First Inventor: JONES, Stuart, Michael, Ruan

US Class (primary): Not available
IPC Class (primary): B01D005304

Claims:

Claims 1. A container for **absorbing water vapour** from ambient air, the container having an opening to permit t 5 **water vapour** to enter the container, a perforate shelf positioned above the base of the container and having a **water-absorbing** agent disposed thereon for **absorbing water vapour**, and an airway which allows air to flow into the region of the container lo beneath the shelf, wherein the shelf comprises a non-planar surface on which the **water-absorbing** agent is disposed.

2. A container as claim 1 wherein the 15 **water-absorbing**

Dolcera Summary Patent Family Members (11) Derwent Fields Citations

Problem: Efficiency

Solution: Device suitable for use in confined space with life indication

Rating: Tags: Notes:

Keywords highlighted

Search Preview

View full text snippets
for search results

Click on this icon to see full
text snippet

Full text snippet

Patents		
<input type="checkbox"/>	Publication	Title
<input type="checkbox"/>	WO2003064011A1	Device for absorbing water vapour
<input type="checkbox"/>	WO2003064012A1	Device for absorbing water vapour
<input type="checkbox"/>	WO2003063918A1	Chemical compositions and methods for absorbing w

WO2003064011A1

The present invention relates to a device for **absorbing water vapour**. Particularly, although not exclusively, it 5 relates to a container for dehumidifying air in a confined or limited space; and to associated methods.

Humidity, or **water vapour** in air, is often undesirable as it may interfere with the storage of moisture sensitive lo materials, such as foodstuffs, cosmetics, pharmaceuticals, household goods and clothes, or it may adversely effect the operation of moisture sensitive equipment. This problem may be particularly pronounced in those areas where humidity levels are particularly high, such as those 15 countries having hot humid climates.

It is therefore often desirable to dehumidify air.

Traditional methods for dehumidifying air include the use of mechanical refrigeration equipment and **water absorbent** 20 materials, such as silica gel.

Typically, methods employing refrigeration equipment involve cooling air to a predetermined temperature below its dew point, so that **water** condenses from the air and 25 the **water** may be drained away. Thereafter, the air may be reheated to a predetermined warmer temperature. Techniques including **absorbent** materials may include continuous operation systems so that **water** is **absorbed** by the **absorbent** in a first cycle and then **water** desorbed from 30 the **absorbent** by the application of heat in a second cycle.

Suitably, these techniques suffer from various disadvantages as they typically require bulky and heavy equipment, such as compressors, fans and heaters, which are interconnected by a network of pipes so that **water vapour** is **absorbed** continuously from air. Typically, such systems are ill-suited for operation in a confined or limited space. Moreover, the cost associated with such systems may prohibit their use in a domestic environment.

lo In an attempt to overcome the disadvantages associated with using the aforementioned systems in a confined or limited space, alternative techniques have been developed that include exposing air to an **absorbent** material. In particular, portable smaller devices comprising a 15 container housing an **absorbent** material have been employed for dehumidifying air in a limited or confined space, particularly in a domestic environment.

Find: Next Previous 0 hits found in total

Highlighted
keywords

Categorize Documents

Just Drag and Drop!

Select patents to categorize

Decide to Move or Copy

Data Filters

Search in: Title

- ▼ Doubly Fed Induction Generator (168)
 - Met... Algorithm/ Program (42)
 - ▶ Pa... (83)
 - ▶ Inverter (98)
 - DC Link (32)
 - ▶ Operation (28)
- Filter (7)
- Protection (25)
- Energy storage (3)
- Others (9)

Add Edit Delete Get Info

Company(66) **Inventor(401)**

ALL COMPANIES (169)

- (Company Tbd) (12)
- ABB LTD (6)
- ALSTOM (3)
- AMETEK INC (2)
- Academy Of State Grain Adminis (1)

No Date Filter

All Patent Types

All Tags

Horizontal axis with turbines Information

Patents (138) Articles (29)

Charts Data

Add Del CSV

Publication	Title	Assignee	Pub	App	R
US2003028203A1	Cascade with electronic disconnection and an enlarged rotat	(No Company)	2003	2002	
<input checked="" type="checkbox"/>	US20090108782A1	Brushless multiphase self-commutation control (or bmscc) a	(No Company)	2009	2007
<input type="checkbox"/>	US6278211B1	Brushless doubly-fed induction machines employing dual ca	(No Company)	2001	2000
<input checked="" type="checkbox"/>	US20030052643A1	Brushless doubly-fed induction machine control	(No Company)	2003	2002
<input type="checkbox"/>	US20050216880A1	Protection for power electronic	(No Company)	2005	2002
<input type="checkbox"/>	US6448735B1	Controller for a wound rotor slip ring induction machine	Abb Automati	2002	2001

US20090108782A1

Claims:

Would you like to copy the following patent(s)?

From: Doubly Fed Induction Generator

To: Doubly Fed Induction Generator

Operation: Copy Move **Copy following patents from source category to target category**

Pub Number	Title
US20090108782A1	Brushless multiphase self-commutation control (or bmscc) and
US20030052643A1	Brushless doubly-fed induction machine control

Copy Cancel

Dashboard accommodates articles, products and trademarks as well

Data Filters

Search in: Title, Abstract, Claims

- Protein expression systems (1,202)
 - Technology (1088)
 - Focus (1202)
 - Gene modulation (753)
 - Culture media modulation (102)
 - Others (102)
 - Cell lines (1193)
 - Key genes/Key compound/Peptides (102)
 - Delivery vehicle (779)
 - Transfection method (579)

ALL COMPANIES (1251)

(Company Tbd) (157)

ABMAXIS INC (1)

ACUMEN PHARMACEUTICALS INC (1)

AGENCY FOR SCIENCE TECHNOLOGY (1)

No Date Filter

All Patent Types

Protein expression systems Information

Patents Articles Charts Data CSV

Title	Company	Pub Date	Author	Source
High-level expression of full-length antibodies	Amgen		Allison A. Bianco	Biotechnology
Microchip assays for screening monoclonal antibodies	Amgen	2008-07-10	Chen X, Tang K	Electrophoresis
Identification of novel small molecule enhancers of antibody production	Amgen	2008-08-15	Allen MJ, et al	Biotechnol Bioeng
IgG-single chain Fv fusion protein therapeutic	Armagen Techn	2009-10-08	Boado RJ, Lu J	Biotechnol Bioeng
Production of humanized antibody against human	Asahi Brewerie	2001-05-01	Takai T, Takahashi	Biosci Biotechnol Bioeng
Automation of cell line development.	Astrazeneca Ab	2009-03-21	Lindgren K, Sal	Cytotechnology
Higher expression of Fab antibody fragments in	Baxter Biosci		Schatz SM, Ker	Biotechnol Bioeng

Automation of cell line development.

Astrazeneca Ab

Abstract:
An automated platform for development of high producing cell lines for biopharmaceutical production has been established in order to increase throughput and reduce development costs. The concept is based on the Cello robotic system (The Automation Partnership) and

Dolcera Analysis

To automate development of high producing cell lines for biopharmaceutical production to increase throughput and reduce development costs.

Data Filters

Search in: Title, Abstract, Claims

- Trademark Dashboard (46)
 - Multiple (1)
 - Skin (9)
 - body (15)
 - Hair (21)
 - Color cosmetics (10)
 - Male grooming (1)
 - Oral care (3)
 - Face (0)
 - Pads/Pantliners (4)
 - Food supplements (0)
 - Others (18)

ALL COMPANIES (46)

BARNIER (1)

Johnson & Johnson (12)

L'Oréal (12)

Procter & Gamble (13)

Unilever (8)

No Date Filter

All Patent Types

All Tags

Information


Patents Products Charts Data CSV

Name	Company
RENEWING FRESHNESS	Procter & Gamble
TIDE	Procter & Gamble
OLAY	Procter & Gamble
SUJAVE PROFESSIONALS	Unilever
TOTALLY BEACHIN	Unilever
DRY SPELL	Unilever
YOUR HIGHNESS	Unilever
DEGREEE	Unilever

RENEWING FRESHNESS
Procter & Gamble

Description:
Country_code: USA, Intl_class: 3, Pub_date: 20091110, Opp_date: 20091210

Summary:
Filing_date: 20090630, Applicant: THE PROCTER GAMBLE COMPANY, CINCINNATI, Number of the trademark: 77770850



RENEWING FRESHN... Tags: My comments:

Data Filters

Digestive remedies (63)

- Indian products (46)
- Chinese products (17)

ALL COMPANIES (63)

AJIT AYURVEDA (2)

Abbasi Pharmacy (1)

Abbott Laboratories (1)

Amul (1)

AstraZeneca China Pharm (1)

Atra Pharmaceuticals (1)

Ayurvedic Rasayanas (1)

BOEHRINGER INGLEHEIM PHARMACEUTICALS (1)

Bayer Healthcare Ag (1)

Beaufour-Ipsen(Tianjin) Pharmaceut (1)

All Patent Types

Information


Products Charts Data CSV

Name	Company
Losec	AstraZeneca China Pharm
Talcid	Bayer Healthcare Ag
Smecta	Beaufour-Ipsen(Tianjin) Pharmaceut
Maren Runchang	Beijing Tong Ren Tang Pharmaceut
Yansuan Huanglianpian	Dalian Aosen Pharmaceutic
Tagamet	Glaxosmithkline
Madilac	Hanmi Pharm Ind
Weisu keli	Jiangsu Yangzijiang Pharm
Jian Wei Xiao Shi Pian	Jiangzhong Pharmaceutical
Si Da Shu	Jilin Xiuzheng

Tagamet
Glaxosmithkline

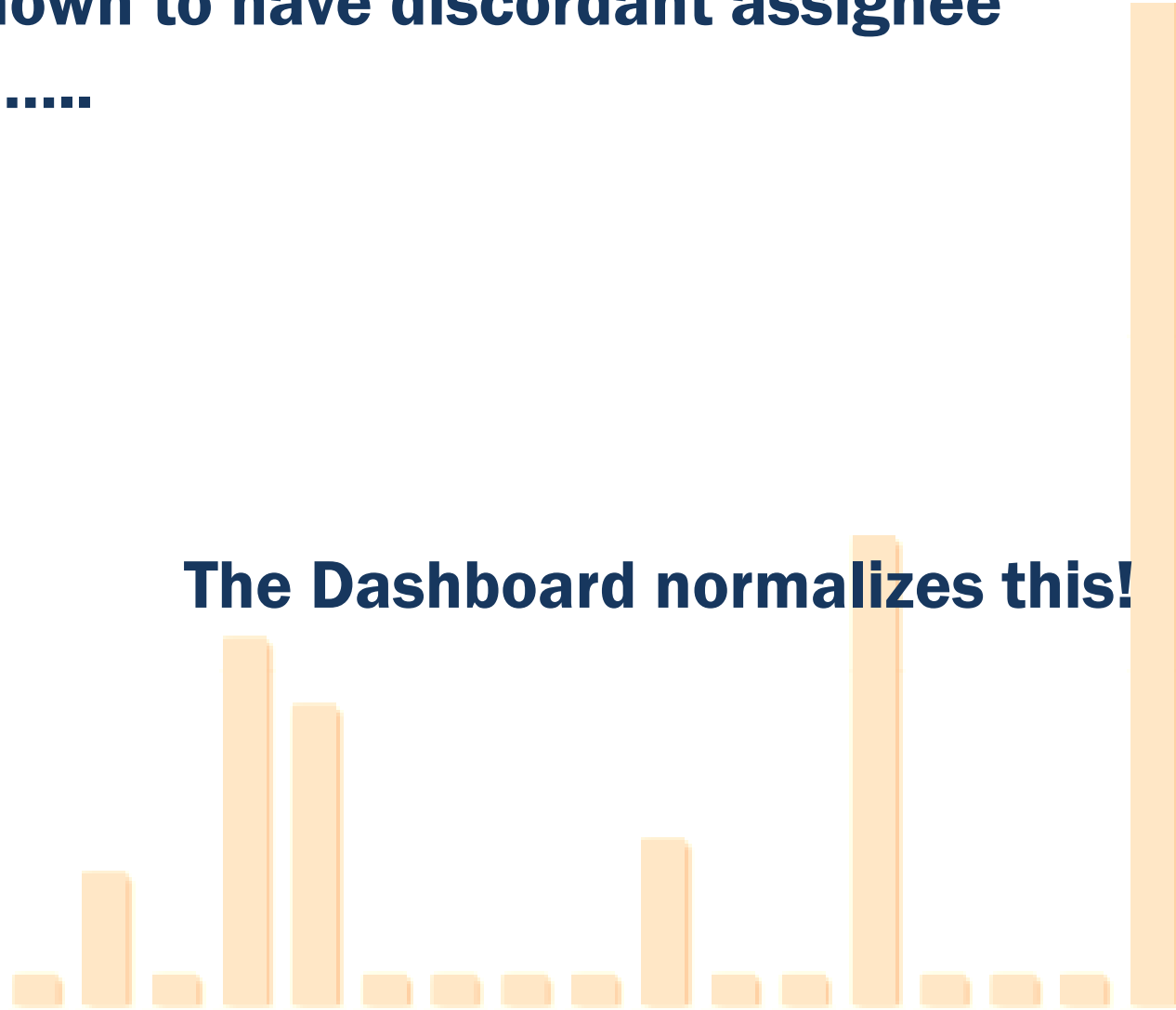
Description:
Ant acidity Medicines

Summary:
Tagamet HB 200 acid reducer prevents heartburn, acid indigestion, and sour stomach. It is the only brand-name acid reducer that will prevent heartburn before it starts.



Patents are known to have discordant assignee associations.....

The Dashboard normalizes this!



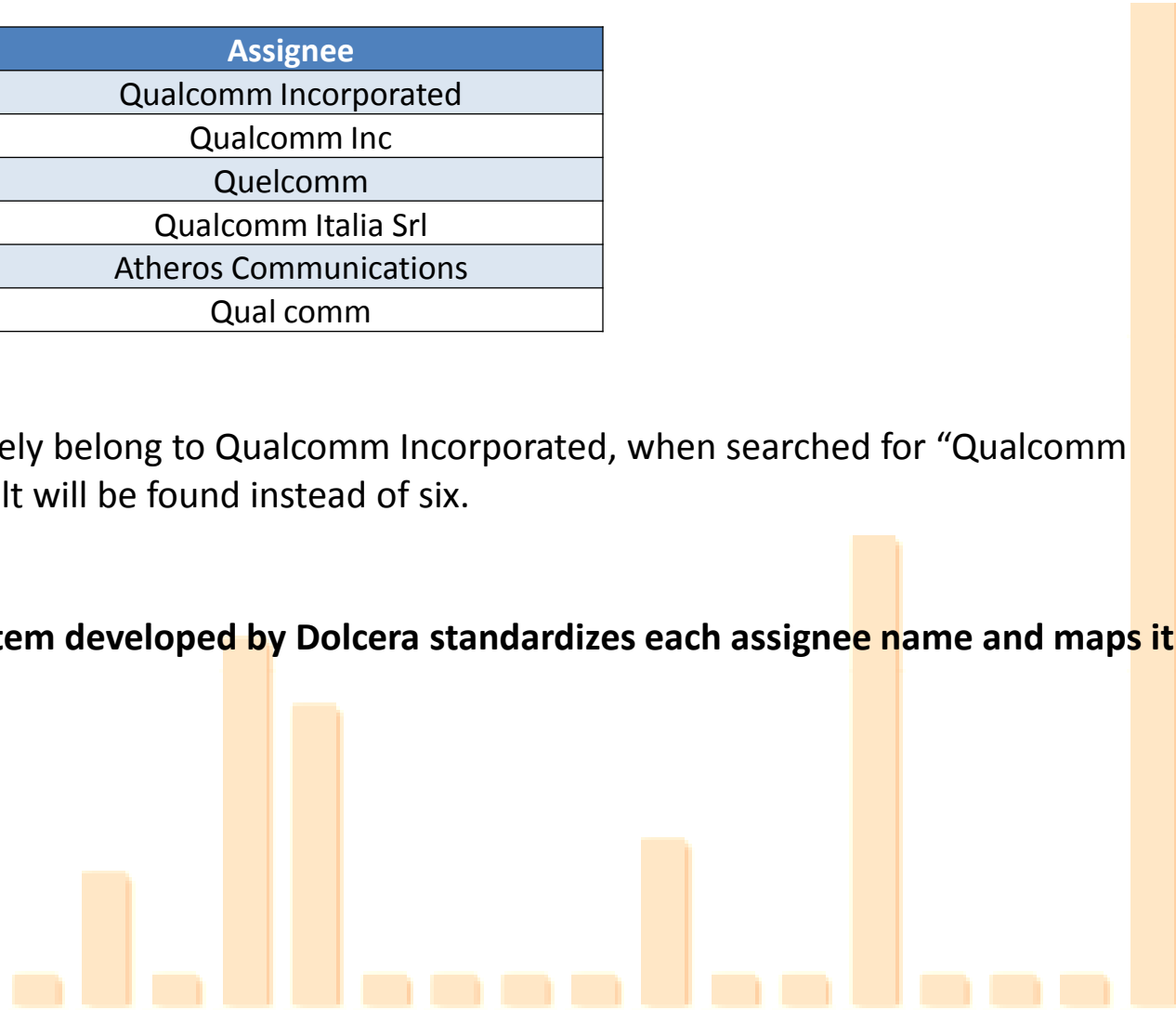
General issues observed in patent's assignee field

Following table shows five assignees obtained from assignee field of patent

Sr. No.	Assignee
1	Qualcomm Incorporated
2	Qualcomm Inc
3	Qualcomm
4	Qualcomm Italia Srl
5	Atheros Communications
6	Qual comm

Although all patents ultimately belong to Qualcomm Incorporated, when searched for “Qualcomm incorporated” only one result will be found instead of six.

Assignee normalization system developed by Dolcera standardizes each assignee name and maps it to its ultimate parent



Assignee Normalization System-Introduction

Following table shows typical output obtained from Dolcera's Assignee Normalization System for assignees and some of the issues it solves.

Sr. No.	Assignee	Issues	Assignee Norm output
1	Qualcomm Incorporated	Standard name	Qualcomm Incorporated
2	Qualcomm Inc	Standard name with abbreviation of business entity	Qualcomm Incorporated
3	Qualcomm	Spelling mistake	Qualcomm Incorporated
4	Qualcomm Italia Srl	Regional subsidiary	Qualcomm Incorporated
5	Atheros Communications	Newly acquired company	Qualcomm Incorporated
6	Qual comm	Spacing mistake	Qualcomm Incorporated

For Assignee Normalization Dolcera maintains database of assignees mapped to its ultimate parent

- Currently database has **100K+ companies and 20K+ university** names
- This database gets continuously updated by
 - 1)New assignees encountered by Dolcera's dashboard system
 - 2)Bulk insertions from different sources detected for assignee names

Input Assignees

Functionality Test - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://unicorn.hyd.dolcera.net/Norm/

Most Visited Metabolic Health Mar... Company Search Resu... Functionality Test

Functionality Test



Assignee Normalization

Project Name

Qualcomm Incorporated
Qualcomm Inc
Qualcomm
Qualcomm Italia Srl
Atheros Communications
Qualcomm

Send

Dashboard Output

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://unicorn.hyd.dolcera.net/Norm/results.php?name=Test

Most Visited Metabolic Health Mar... Company Search Resu... Functionality Test

http://unicorn.hyd...lts.php?name=Test

Execution time : 0.065122127532959 seconds

Normalization Results [Download](#)

Actual	Normalized	Parent	Score1	Score2	Handled
Qualcomm Incorporated	Qualcomm Incorporated	Qualcomm Incorporated	13	NA	Y
Qualcomm Inc	Qualcomm Incorporated	Qualcomm Incorporated	12	NA	Y
Quelcomm	Qualcomm Incorporated	Qualcomm Incorporated	12	NA	Y
Qualcomm Italia Srl	Qualcomm Italia Srl	Qualcomm Incorporated	12	NA	Y
Atheros Communications	Qualcomm Atheros, Inc	Qualcomm Incorporated	0.7	0.89	Y
Qual comm	Qualcomm Incorporated	Qualcomm Incorporated	9	0.78	Y



- Intuitive, easy-to-use interface
- Periodic updates of recent relevant patents
- Allows analytics by way of dynamic charts & graphs for custom selections and searches
- Can be used for analysis, rating, tagging, annotations on the fly
- Web-based and allows collaboration within and across teams

Thank You!

Contact us:
Info@dolcera.com
www.dolcera.com

Akshita Chugh
+12165399751
akshita.chugh@dolcera.com