



Dolcera
Global Knowledge Services

Patent Dashboard Workbench
(New ways to manage IP information)

ICIC 2010, Vienna

27th October 2010

- **Dolcera is an Intellectual Property research services, and software tools company**
- **Founded in 2004**
 - Based in California, US and Hyderabad, India
- **Team of specialists in multiple disciplines**
- **Have now worked with over 85 clients globally**
 - 25 Fortune 500 Clients

- **Search Services**
 - Patentability search
 - Prior art search
 - Invalidation search
 - Freedom to operate search
 - Infringement search
 - Foreign language search
 - **State of art/Landscape searches**
 - Standards to patent mapping
 - Finding areas with low IP activity
- **Business Research Services**
- **Alerts and Updates**
- **Tools**
 - WIKI Reports
 - Interactive Maps
 - Patent Dashboard
 - IDS Management Systems
 - IPMaps



Dolcera Tools and Processes

A result of serving over 85 global clients

WIKIs are an excellent way of

- Making sure clients get maximum benefit of services rendered
- Updating clients “live”
- Seamless handover of Information

In Project Management they help in

- Easy tracking of the progress on a project
- Ease of collaboration inside and across teams
- Bring everyone on the “same page”

Overview – Shared understanding of the topic

2 Background

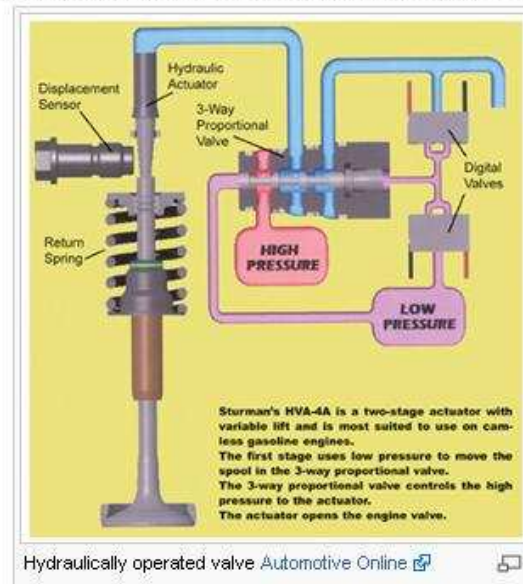
[edit]

2.1 4 Stroke Diesel Engine Operation

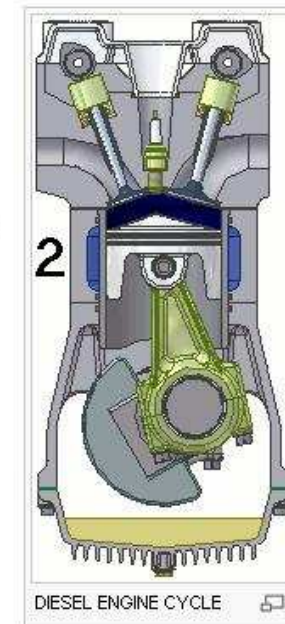
[edit]

Diesel Cycle

1. Air is drawn in the intake stroke of diesel engine
2. Followed by compression to raise temperature and pressure.
3. At this high T-P fuel is injected into the combustion chamber which self ignites due to high T. During the first phase of combustion pressure is relatively constant (2-3) followed by isentropic expansion in which the energy is transferred to the piston.
4. Next is the exhaust stroke when gases start escaping. Next the momentum of the piston compresses the next lot of air



Hydraulically operated valve [Automotive Online](#)



Search Components

3 Patent Search

[\[edit\]](#)

3.1 Concept Table

[\[edit\]](#)

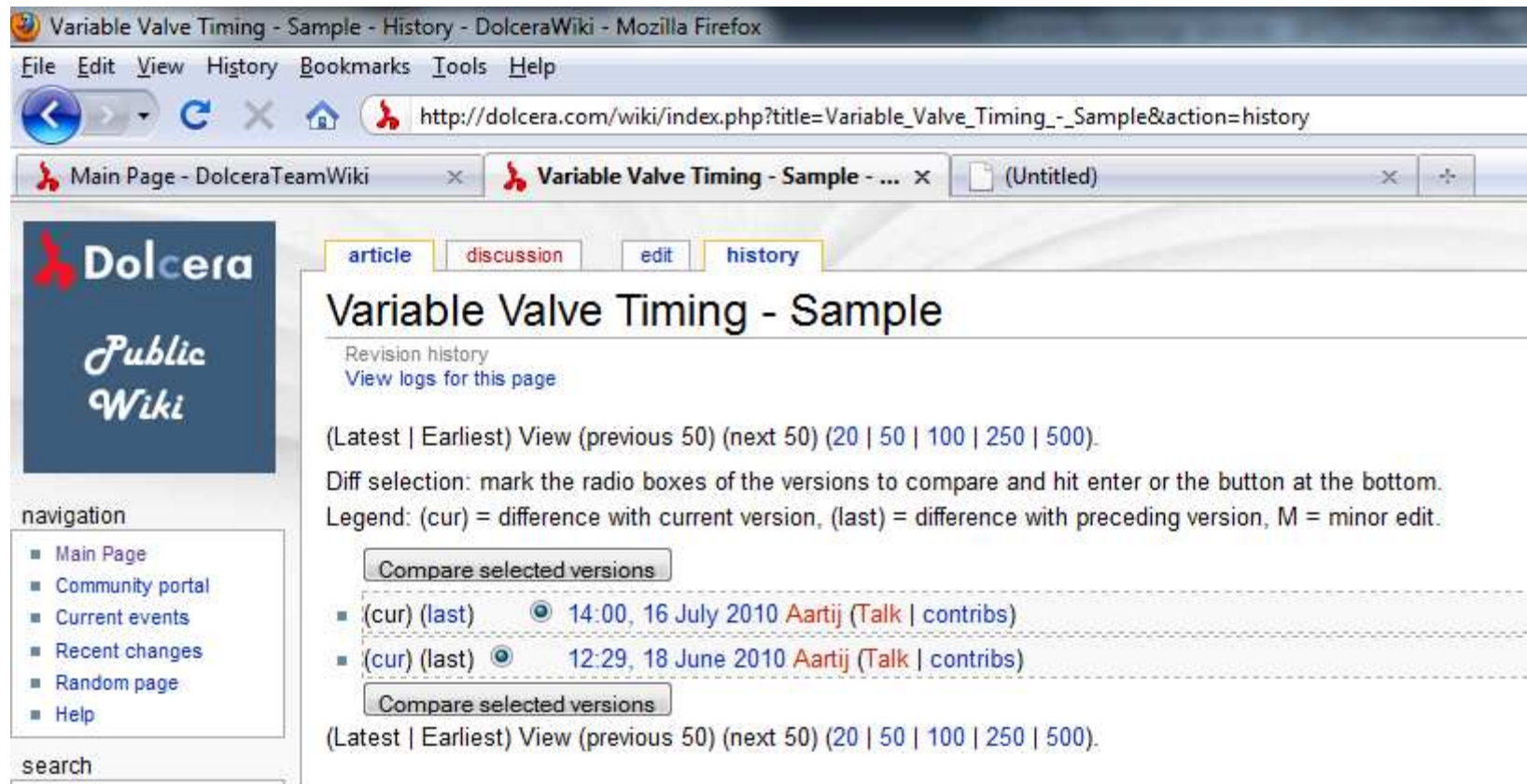
VALVE	TIMING	VARIABLE	DIESEL	ENGINE	Cam Operated	Camless
valve*	lift	vary	diesel	engine	cams	electronic*
actuat*	tim*	variable	compression ignition	internal combustion	cam shaft	electromagnetic*
activat*	duration	varying	self ignition	power source	cam phase	magnetic*
port	interval	var*	compression - ignition	2-stroke	cam drive	electric*
		control*	self - ignition	2 stroke		piezo*
		manipulat*		two stroke		electrohydraulic*
		set				electropneumatic*
		change*		4 stroke		electro*
		adjust		4-stroke		cam-less
				Four Stroke		

[\[edit\]](#)

3.2 IPC Definitions

Useful Classes	Description
F01 ↗	CYCLICALLY OPERATING VALVES FOR MACHINES OR ENGINES
F01L 1/00 - 13/00 ↗	only valve-gear or valve arrangements without provision for variable fluid distribution
F01L 15/00 - 35/00 ↗	Valve-gear or valve arrangements specially adapted for machines or engines with variable working-fluid distribution are covered by groups

Completely Secure, and Reliable



The screenshot shows a Mozilla Firefox browser window with the address bar displaying `http://dolcera.com/wiki/index.php?title=Variable_Valve_Timing_-_Sample&action=history`. The page title is "Variable Valve Timing - Sample - History - DolceraWiki". The browser tabs include "Main Page - DolceraTeamWiki", "Variable Valve Timing - Sample - ...", and "(Untitled)".

The main content area features a navigation menu with "article", "discussion", "edit", and "history" tabs. The "history" tab is active, showing the "Revision history" for the page. Below the title, there are links for "Revision history" and "View logs for this page".

The revision history section includes the following text:

(Latest | Earliest) View (previous 50) (next 50) (20 | 50 | 100 | 250 | 500).

Diff selection: mark the radio boxes of the versions to compare and hit enter or the button at the bottom.
Legend: (cur) = difference with current version, (last) = difference with preceding version, M = minor edit.

There are two "Compare selected versions" buttons. The first one is selected, showing two revisions:

- (cur) (last) 14:00, 16 July 2010 Aartij (Talk | contribs)
- (cur) (last) 12:29, 18 June 2010 Aartij (Talk | contribs)

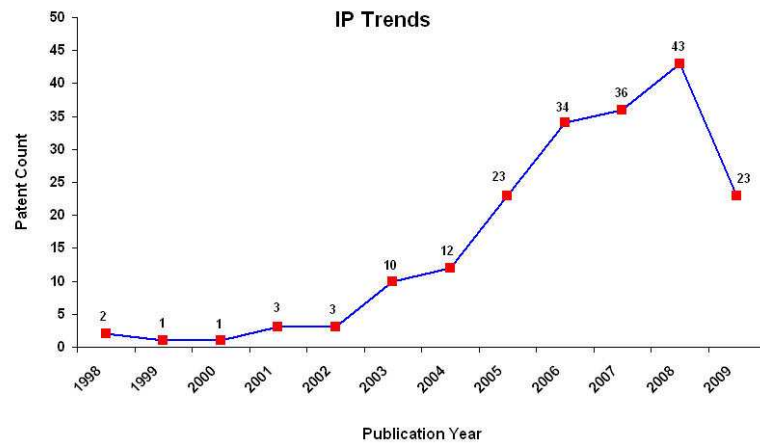
Below the second "Compare selected versions" button, the text "(Latest | Earliest) View (previous 50) (next 50) (20 | 50 | 100 | 250 | 500)." is repeated.

The left sidebar contains a "Dolcera Public Wiki" logo and a "navigation" menu with the following items:

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help

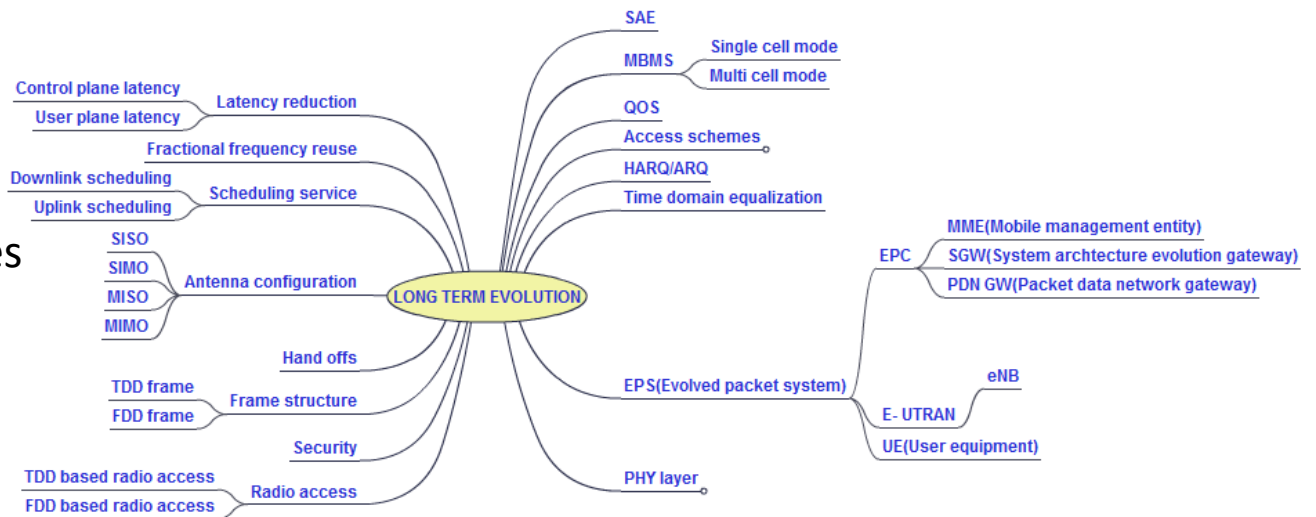
Below the navigation menu is a "search" box.

Data Analytics and Insights



Tracking IP trends year on year

Interactive taxonomies



Interactive Mindmaps enable :

- Analysts to share a map of their minds
- Clients to focus on area of interests in a broad area
- Clients and analysts to generate insights by focusing on required areas

As a process they aid in :

- Building roads to the biggest pools of IP Data
- Sieving through volumes of Data to isolate patents relevant to your interest
- Quickly sharing understanding of landscapes/portfolios

Focus on your area of interest



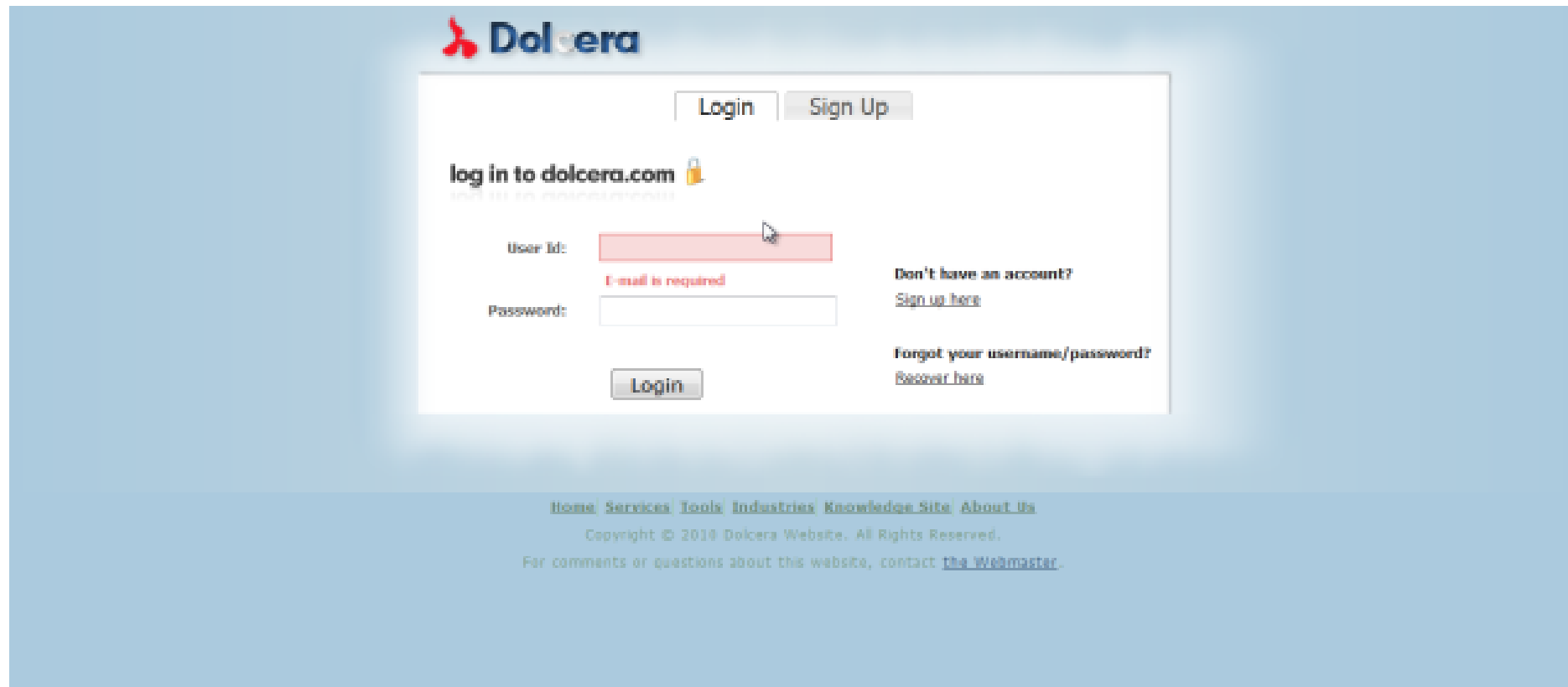
Patent Dashboard

- Was developed a delivery method to our clients
- If Landscape reports are a map of the IP landscape, Patent Dashboard is the GPS of the IP landscape
- Now available as a standalone product too

The power-packed tool enables

- Keyword searches in a “quality pool” of patents
- Easy categorization of giant portfolios
- Quick review of large volumes of data to pin-point what is being searched for
- Quickly see analytics for various scenarios in an area

Pure Power

A screenshot of the Dolcera website's login page. The page has a light blue background. At the top center is the Dolcera logo. Below it are two buttons: 'Login' and 'Sign Up'. The main heading is 'log in to dolcera.com' with a lock icon. There are two input fields: 'User Id:' and 'Password:'. The 'User Id' field has a red border and a red error message 'E-mail is required' below it. To the right of the input fields are two links: 'Don't have an account? Sign up here' and 'Forgot your username/password? Recover here'. At the bottom of the input area is a 'Login' button. At the very bottom of the page is a footer with navigation links: 'Home', 'Services', 'Tools', 'Industries', 'Knowledge Site', and 'About Us'. Below these links is the copyright notice 'Copyright © 2018 Dolcera Website. All Rights Reserved.' and a link to 'The Webmaster'.

[Home](#) [Services](#) [Tools](#) [Industries](#) [Knowledge Site](#) [About Us](#)

Copyright © 2018 Dolcera Website. All Rights Reserved.

For comments or questions about this website, contact [The Webmaster](#).

Welcome to Dolcera Demo

Welcome, Dolcera Demo.

You are logged in as demo@dolcera.com ([Logout](#))

[Dashboards](#) [Wikis](#) [Create Dashboard](#) [Edit Profile](#) [Tutorial](#)

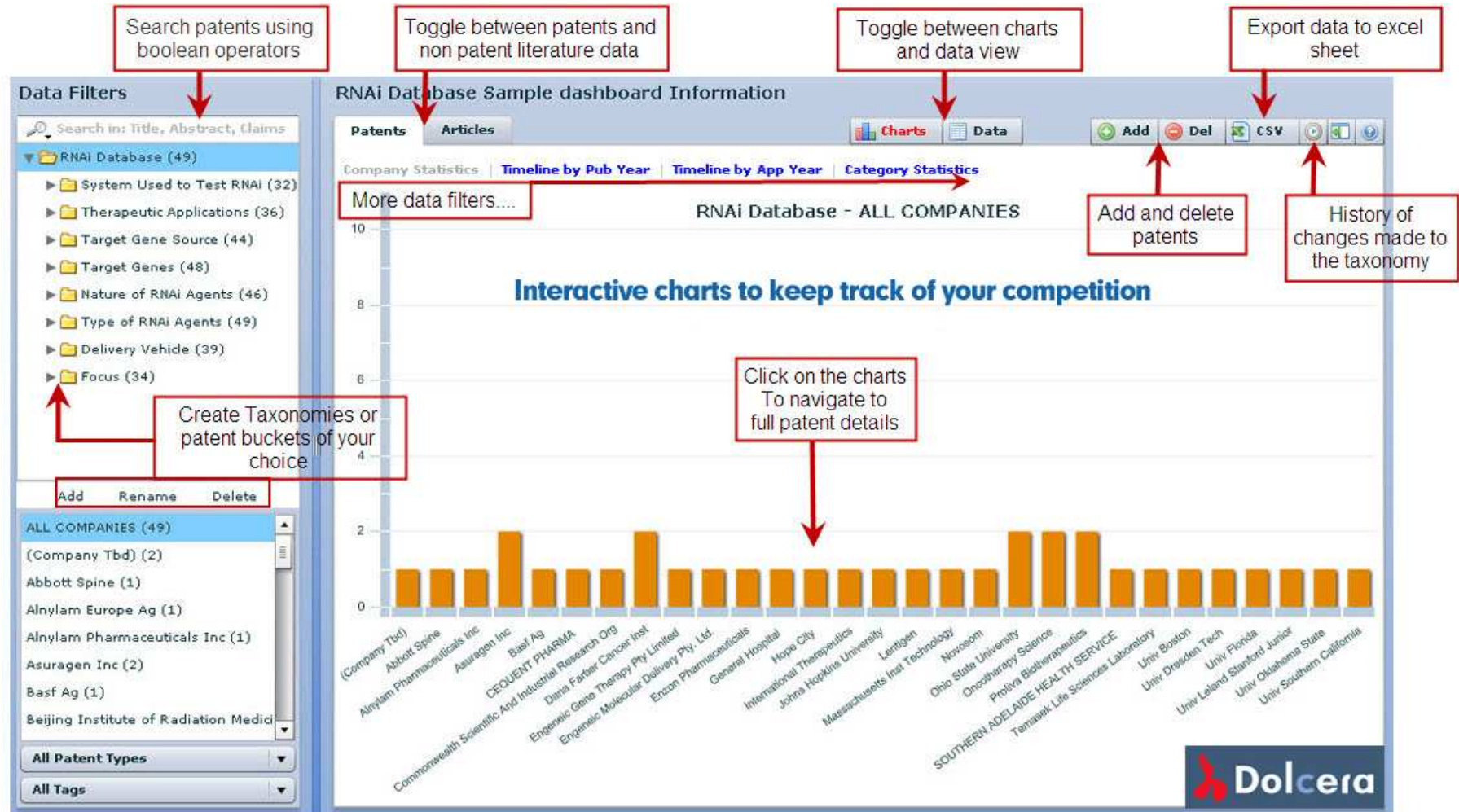
Dashboards

- [WiMax dashboard](#)
- [RNAi dashboard](#)
- [test](#)
- [new test222](#)
- [Giles project](#)
- [Household cleaning](#)

Dashboard Groups

- [Alopecia Areata dashboard](#)
- [Automotive dashboard](#)





Data Filters

Search in: Title, Abstract, (claims)

- RNAi Database (49)
 - System Used to Test RNAi (32)
 - Therapeutic Applications (36)
 - Target Gene Source (44)
 - Target Genes (48)
 - Nature of RNAi Agents (46)
 - Type of RNAi Agents (49)
 - Delivery Vehicle (39)
 - Focus (34)

Buttons: Add, Rename, Delete

ALL COMPANIES (49)

- (Company TBD) (2)
- Abbott Spine (1)
- Alnylam Europe Ag (1)
- Alnylam Pharmaceuticals Inc (1)
- Asuragen Inc (2)
- Basf Ag (1)
- Beijing Institute of Radiation Medici

All Patent Types

All Tags

RNAi Database Sample dashboard Information

Patents | Articles

Charts | Data

Buttons: Add, Del, CSV, [Refresh], [Print]

Company Statistics | Timeline by Pub Year | Timeline by App Year | Category Statistics

More data filters...

RNAi Database - ALL COMPANIES

Interactive charts to keep track of your competition

Click on the charts To navigate to full patent details

Add and delete patents

History of changes made to the taxonomy

Export data to excel sheet

Toggle between patents and non patent literature data

Toggle between charts and data view

Search patents using boolean operators

Create Taxonomies or patent buckets of your choice

Dolcera



Promote innovation and ease of analysis with active collaboration

Rated documents in different colored flags

Select, drag and drop patents into categories

Tag the documents for reference purposes

Data Filters

Search in Title, Abstract, Claims

- Mobile Wi-MAX (269)
 - Protocol (102)
 - Chipset (19)
 - Subscriber station (36)
 - Base station (55)
 - Router/Gateaway (25)
 - Connectivity (33)
 - Antenna System (55)
 - US6870808B1

Add Rename Delete

ALL COMPANIES (270)

- (Company Tbd) (6)
- (No Company) (1)
- 4g Systems (4)
- Adaptix (7)
- Adc (4)
- Aeroflex Incorp. (2)
- Agilent Technologies (6)
- Airspan (5)
- Alcatel Lucent (3)
- Altair Semiconductor Ltd (1)
- Alvarion (8)
- Amimon Ltd. (2)

No Date Filter

All Patent Types

All Tags

4G Subscription Information

Publication	Title	Assignee	Pub	App	Rating
<input type="checkbox"/> US7224642B1	Wireless sensor data processing systems	(No Company)	2007	2006	
<input checked="" type="checkbox"/> US6870808B1	Channel allocation in broadband orthogonal frequency-division multiple-access/spa	Adaptix Inc	2005	2000	3
<input checked="" type="checkbox"/> US6940827B2	Communication system using ofdm for one direction and dsss for another direction	Adaptix Inc	2005	2001	3
<input checked="" type="checkbox"/> US7072315B1	Medium access control for orthogonal frequency-division multiple-access (ofdma) ce	Adaptix Inc	2006	2000	3
<input checked="" type="checkbox"/> US20070223406A1	Communication system using ofdm for one direction and dsss for another direction	Adaptix, Inc.	2007	2007	3
<input checked="" type="checkbox"/> US6756854B2	Digitally controlled angle noise signal generator	Aeroflex Powe	2004	2002	3
<input type="checkbox"/> US7203825B2	Multisided sharing of dynamic data at a wireless test environment	Agilent Techno	2007	2005	
<input type="checkbox"/> US7243268B2	Sequential coordination of test execution and dynamic data	Agilent Techno	2007	2003	
<input type="checkbox"/> US7246276B2	Error tolerant modular testing of services	Agilent Techno	2007	2004	
<input type="checkbox"/> EP1816779A2	Interoperability verification for implementation according to communication standar	Agilent Techno	2007	2007	
<input type="checkbox"/> US20070155431A1	Method of semidynamic centralized interference coordination for cellular systems	Alcatel Lucent	2007	2007	
<input type="checkbox"/> US20070206688A1	Method for performing active cancellation of inter-cell interference in a cellular wirel	Alcatel Lucent	2007	2007	
<input type="checkbox"/> WO2007098977A1	Method for performing resource allocation in a radio communication system	Alcatel Lucent	2007	2007	
<input type="checkbox"/> WO2007091245A2	Dual-function wireless data terminal	Altair Semicon	2007	2007	
<input type="checkbox"/> US7177645B2	Spectrum sharing between wireless systems	Alvarion Ltd	2007	2005	
<input type="checkbox"/> US20070171304A1	Method and apparatus for using the video blanking period for the maintenance of a	Amimon Ltd.	2007	2007	
<input type="checkbox"/> US20070133496A1	Resource allocation in a wireless network	Arraycomm Inc	2007	2007	
<input type="checkbox"/> WO2007085182A2	Adaptive pathwise bandwidth control system, methods and device for high bandwidth	Ats Technol	2007	2007	

US7072315B1
Medium access control for orthogonal frequency-division multiple-access (OFDMA) cellular networks

US Class (primary): 370329
IPC Class (primary): H04Q00700

Abstract:
 A method and apparatus for controlling OFDMA cellular networks is described. In one embodiment, the method comprises receiving channel characteristics and noise-plus-interference information measured at spatially distributed subscribers and assigning traffic channels for an orthogonal frequency-division multiple-access (OFDMA) network.

Claims:
 1. A cellular network comprising: a plurality of subscribers each of said subscribers communicating with one base station of a plurality of base stations using orthogonal frequency division multiple access (OFDMA); each of said base stations having logic to coordinate multiple-access and information exchange between the base station and the plurality of subscribers, the logic selecting a set of OFDMA traffic channels from a plurality of candidate OFDMA traffic channels, based on feedback OFDMA channel information collected from the plurality of subscribers and OFDMA channel information collected from at least one of the other base stations, and in collaboration with said at least one other base station to provide joint OFDMA channel allocation to multiple ones of said plurality of subscribers.
 2. The network defined in claim 1 wherein the logic calculates spatial gains of uplink and downlink channels based on responses of spatially separated receivers at the base station.
 3. The network defined in claim 1 wherein the feedback information comprises channel fading information and noise and interference levels for each of the plurality of candidate OFDMA traffic channels.

US6940827B2 Rating: 3 Tags: ofdma-2, ofdma-1 Notes:

Title, Abstract & Claims information automatically extracted

Rate a document here

One place solution

[Log in / create account](#)

article
discussion
edit
history

Alopecia - Hair Loss

1 Rationale [edit]

- "Medication for men plagued by hair loss has become a topic of interest in Japan since a drug company began marketing it at the end of last year." March 5th, 2006 – [Source](#)
- "An increasing number of companies are apparently turning the Chinese fear of a bald spot into big bucks with some doing so well they are branching out into other countries." February 16, 2006 – [Source](#)
- "There is something in the air, or should we say in the hair, these days. Scientific research into hair loss remedies has never been more active or more exciting." June 7, 2006 - [Source](#)

Contents [hide]

- 1 Rationale
- 2 Like this report?
- 3 Introduction
 - 3.1 Hair basics
 - 3.2 What causes hair loss?
 - 3.3 Types of alopecia
 - 3.4 Androgenetic alopecia
- 4 IP activity over the years
- 5 Major players
- 6 Taxonomy
- 7 Interactive Taxonomy
- 8 Treatment Approaches
 - 8.1 Anti-androgens
 - 8.1.1 Functions of Anti-androgen
 - 8.1.2 IP Map for anti-androgen
 - 8.2 Minodil (Vasodilators)
 - 8.2.1 Functions of Vasodilators
 - 8.2.2 IP Map for Vasodilators
 - 8.3 Double action (Anti-androgen + Vasodilator)
 - 8.3.1 Functions of (Anti-androgen + Vasodilators)
 - 8.3.2 IP Map for (Anti-androgen + Vasodilators)
 - 8.4 Hair matrix cell activator
 - 8.4.1 Functions of Hair matrix cell activator
 - 8.4.2 IP Map for Hair matrix cell activator
- 9 Technology mapping based on patents analyzed

2 Like this report? [edit]

This is only a sample report with brief analysis
Dolcera can provide a comprehensive report customized to your needs

Buy the customized Alopecia report from Dolcera		
Patent Analytics Services	Market Research Services	Purchase Patent Dashboard
Patent Landscape Services	Dolcera Processes	Industry Focus
Patent Search Services	Patent Alerting Services	Dolcera Tools

3 Introduction [edit]

3.1 Hair basics [edit]

This is a sample and reflects part of the tool's

Integration of Tools

- Wikis
- Interactive Mind Maps
- Dolcera proprietary Patent Dashboard

For effective collaboration and knowledge management

- Use of latest tools is essential
- Integration of tools is even more important to prevent “Silo”ing of knowledge

Thank You