



Dolcera Knowledge
Services

Managing IP Information

- **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**
 - 27 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

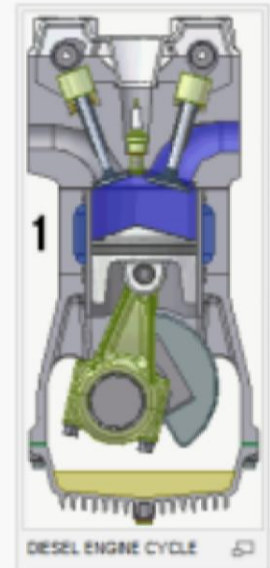
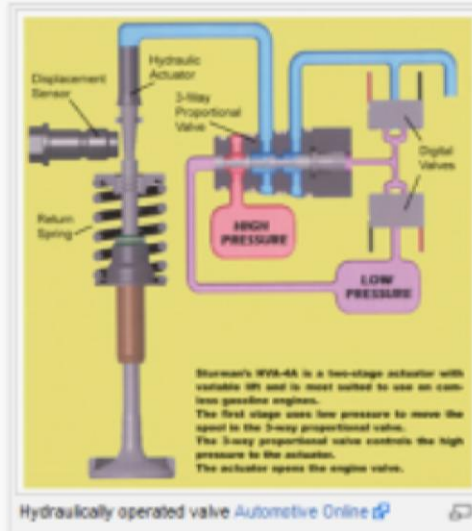
Prepare a landscape report on camless variable valve timing in diesel engines [Ford Motor Co.]

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



Search Components

3 Patent Search [edit]

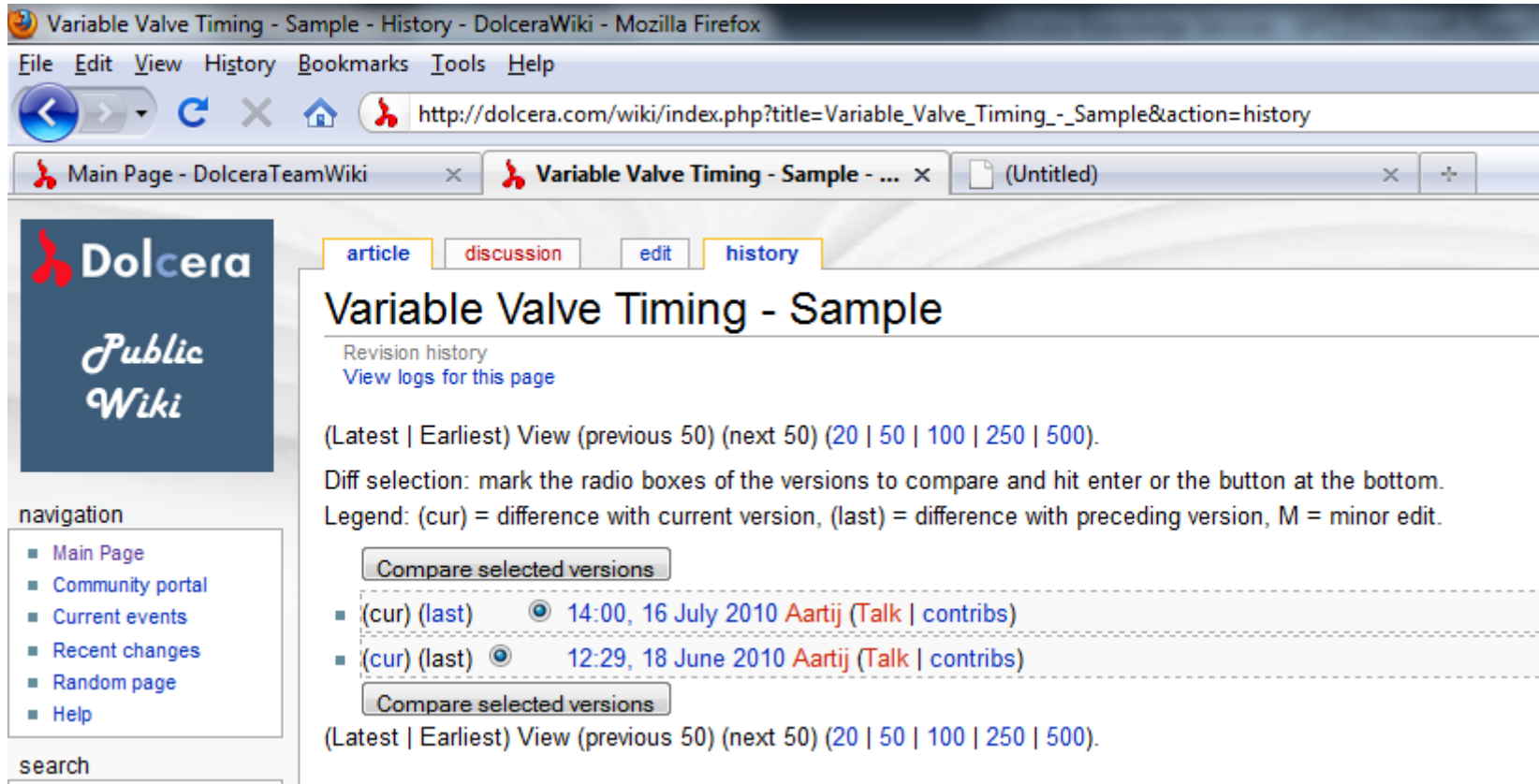
3.1 Concept Table [edit]

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		

3.2 IPC Definitions [edit]

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
F01L 1/14 #	characterised by the provision of means for changing the timing of the valves without changing the duration of opening

Completely Secure, and Reliable



Variable Valve Timing - Sample - History - DolceraWiki - Mozilla Firefox

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http://dolcera.com/wiki/index.php?title=Variable_Valve_Timing_-_Sample&action=history

Main Page - DolceraTeamWiki Variable Valve Timing - Sample - ... (Untitled)

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article discussion edit **history**

Variable Valve Timing - Sample

Revision history
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(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.

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

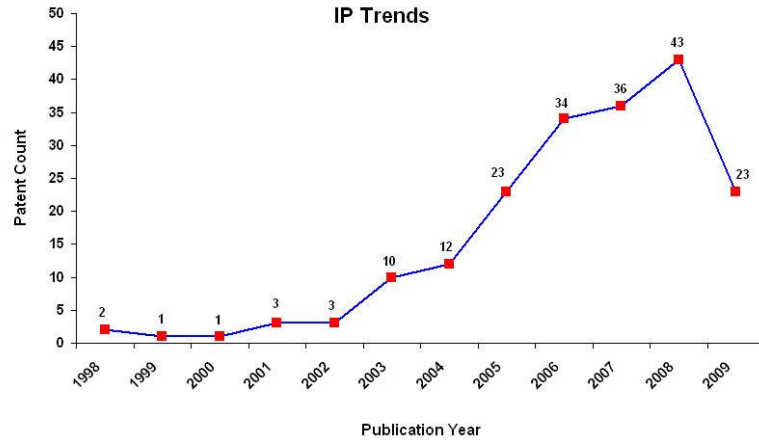
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navigation

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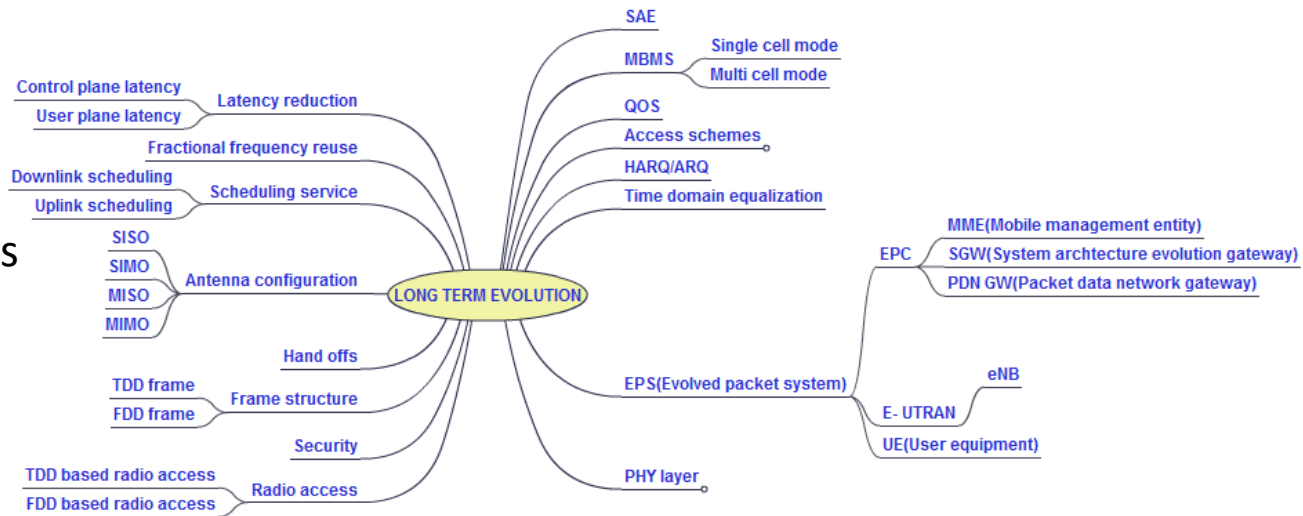
search

Data Analytics and Insights



Tracking IP trends year on year

Interactive taxonomies



Interactive Mindmaps enable :

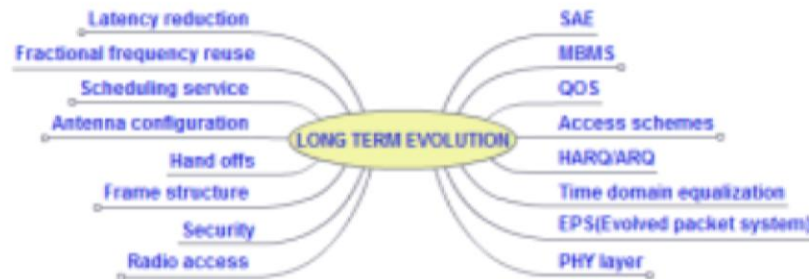
- Analysts to share a map of their minds
- Clients to focus on area of interests in a broad area
- Clients and analysts to generate insights by focusing on required areas

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

Image: LTE-taxonomy mm



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





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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](#)

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
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3 Introduction [edit]

3.1 Hair basics [edit]

...the most common and delicate part of the body...

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 - 3.3 Types of alopecia
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- 7 Interactive Taxonomy
- 8 Treatment Approaches
 - 8.1 Anti-androgens
 - 8.1.1 Functions of Anti-androgen
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 - 8.2 Minoxidil (Vasodilators)
 - 8.2.1 Functions of Vasodilators
 - 8.2.2 IP Map for Vasodilators
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 - 8.3.1 Functions of (Anti-androgen + Vasodilators)
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 - 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

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