



## Predictive Data – Legal Status

# Reduce risk and free up resources with accurate legal status

Applying artificial intelligence to *Derwent* data across millions of patents

Uncertainty around legal status of patents make it more difficult to provide freedom to operate opinions, validate in-licensing and/or M&A opportunities, or accurately evaluate IP portfolios.

Given the risk of misunderstanding expiration dates or valuating an asset incorrectly, IP and business professionals have little choice but to painstakingly load and manipulate patent data in spreadsheets and databases. Besides the lost productivity, errors in calculation if not spotted could result in significant financial consequences.

“ For over 50 years *Derwent* has been the leader in patent solutions – with the world’s most accurate patent data...”

### Why is it so difficult to determine if a patent is still in force and when it will expire?

An estimate of 20 years for dead or alive status is too simplistic. Let’s take the U.S. and the following statistics to illustrate how common it is for patents to have earlier or later expirations:

- 54% of U.S. granted patents have term extensions
- 34% of grants are impacted by the priority date of a PCT or related app
- 10% of granted patents have Terminal Disclaimers

And that’s before taking account of whether maintenance fees have been paid.

## Inform FTO opinions, in-licensing and portfolio analysis with accurate data

For over 50 years *Derwent* has been the leader in patent solutions – with the world’s most accurate patent data, invention-based records and enhanced titles and comprehensive abstracts in English.

We are leveraging our enhanced patent data, to calculate accurate legal status information across millions of patents in *Derwent Innovation*. As a result, you can:

- Inform FTO opinions with accurate dead / alive status and expiration dates
- More accurately evaluate M&A opportunities and speed up due diligence for in-licensing assets
- Analyze a competitor’s global portfolio accurately across patents assigned to variations of the company name

## Simplify search with predictive, transparent legal status

Calculating accurate legal status for patents globally means looking at billions of data points. We are applying *Derwent*-grade quality testing, artificial intelligence and cloud-based computing to provide accurate and timely predictive data. As a result, it takes only minutes to perform the exponential number of calculations needed to update the millions of patent records in *Derwent Innovation*.

With *Derwent Innovation*, you automatically get access to this data in your search results:

- Family dead or alive status indicators
- Expiration date analysis
- Remaining life calculation

Unlike other providers, we provide transparency into the inputs used to calculate legal status, so you have visibility into our methodology and confidence in the results.

Item	Publication Number	DWPI Assignee/Applicant	Publication Date	Dead/Alive	Estimated Expiration Date	Estimated Remaining Life
1	<a href="#">US20110125344A1</a>	ELECTRONICS & TELECOM RES INST	2011-05-26	Alive	2032-10-17	15 year(s) 4 month(s)
<b>Title:</b> AUTOMATIC VEHICLE GUIDANCE SYSTEM						
2	<a href="#">US20110202247A1</a>	MURATA KIKAI KK	2011-08-18	Alive	2032-03-16	14 year(s) 9 month(s)
<b>Title:</b> TRAVELING VEHICLE SYSTEM AND METHOD OF AVOIDING INTERFERENCE WITH TRAVELING VEHICLE						
3	<a href="#">US20110139894A1</a>	ELECTRONICS & TELECOM RES INST	2011-06-02	Alive	2032-02-02	14 year(s) 7 month(s)
<b>Title:</b> SYSTEM AND METHOD FOR PROVIDING DRIVING GUIDANCE SERVICE TO VEHICLES						
4	<a href="#">US20080091318A1</a>	GM GLOBAL TECHNOLOGY OPERATIONS INC	2008-04-17	Alive	2032-01-25	14 year(s) 7 month(s)
<b>Title:</b> Method and system for lane centering control						
5	<a href="#">US20110066312A1</a>	ELECTRONICS & TELECOM RES INST	2011-03-17	Alive	2031-12-25	14 year(s) 6 month(s)
<b>Title:</b> NAVIGATION APPARATUS AND DRIVING ROUTE INFORMATION PROVIDING METHOD USING THE SAME AND AUTOMATIC DRIVING SYSTEM AND METHOD						
6	<a href="#">US20110125345A1</a>	PARIENTI R	2011-05-26	Alive	2031-11-27	14 year(s) 5 month(s)
<b>Title:</b> AUTOMATED COLLECTIVE TRANSPORT SYSTEM						
7	<a href="#">US20100274429A1</a>	ELECTRONICS&TELECOM RES INST	2010-10-28	Alive	2031-11-11	14 year(s) 5 month(s)
<b>Title:</b> SYSTEM AND METHOD FOR AUTONOMOUS VEHICLE GUIDING USING INFORMATION TECHNOLOGY INFRASTRUCTURE AND SERVER APPARATUS THEREFOR						
8	<a href="#">US20110060425A1</a>	FREED S	2011-03-10	Alive	2031-10-20	14 year(s) 4 month(s)
<b>Title:</b> CONTROLLER WITH ARTIFICIAL INTELLIGENCE BASED ON SELECTION FROM EPISODIC MEMORY AND CORRESPONDING METHODS						
9	<a href="#">US20090287367A1</a>	GM GLOBAL TECHNOLOGIES OPERATIONS INC	2009-11-19	Alive	2031-07-29	14 year(s) 1 month(s)
<b>Title:</b> METHOD AND APPARATUS FOR DRIVER CONTROL OF A LIMITED-ABILITY AUTONOMOUS VEHICLE						
10	<a href="#">US20110264360A1</a>	INT BUSINESS MACHINES CORP	2011-10-27	Alive	2031-07-09	14 year(s) 1 month(s)
<b>Title:</b> EMERGENCY ROUTING WITHIN A CONTROLLABLE TRANSIT SYSTEM						

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### Key Summary Data

<b>Patent:</b> <span style="color: green;">✔</span> Alive	<b>DWPI Family:</b> <span style="color: green;">✔</span> Alive <a href="#">View Details</a>
<b>Original Assignee:</b> Jervis B. Webb Company, Farmington Hills, MI, US	<b>Publication Date:</b> 2010-01-19
<b>Optimized Assignee:</b> Jervis B. Webb Company	<b>Expiration Date:</b> 2023-04-04 (estimated) <a href="#">View Calculation</a>
<b>Ultimate Parent:</b> DAIFUKU CO LTD	<b>Remaining Life:</b> 2126 days (5 year(s), 9 month(s))

## Product highlights

### Predictive Data – Legal Status

- Available in *Derwent Innovation*
- Displayed in Results Dashboard & text filters
- Review using new “key summary data on Record View
- Export to Excel, CSV and *Derwent Data Analyzer*
- Factors considered in calculating legal status data points are available in the record and exportable
- “Granted” status indicator on published applications

### Legal Status – new fields

- Dead/Alive/Indeterminate Indicator
- Estimated Expiration Date
- Remaining Life
- Family View of legal status (INPADOC & DWPI)

 *We provide transparency into the inputs used to calculate legal status and ownership, so you have visibility into our methodology and confidence in the result.*

## Derwent Powering IP Innovation

*Derwent* powers the innovation lifecycle from idea to commercialization – with trusted patent data, applications and services. Our solutions are used to monitor technology trends and competitive landscapes, inform FTO opinions, prosecute patents, monetize and license assets and support litigation activities.

We build solutions for inventors, patent attorneys and licensing specialists at start-ups and the largest global innovators, legal professionals at the leading intellectual property practices, and patent examiners at more than 40 patent offices.

For over 50 years *Derwent* has been the leader in patent-smart technology and processes. Our solutions include:

- *Derwent Innovation*
- *Derwent Data Analyzer*
- *Derwent World Patents Index*
- *Derwent Patents Citation Index*
- *Derwent Data Feed and Derwent API*
- *IP Services*
- *Virtual IP Office*

## Who we are

*Clarivate Analytics* accelerates the pace of innovation by providing trusted insights and analytics to customers around the world, enabling them to discover, protect and commercialize new ideas faster. We own and operate a collection of leading subscription-based services focused on scientific and academic research, patent analytics and regulatory standards, pharmaceutical and biotech intelligence, trademark protection, domain brand protection and intellectual property management. *Clarivate Analytics* is now an independent company with over 4,000 employees, operating in more than 100 countries and owns well-known brands that include *Web of Science*, *Cortellis*, *Derwent*, *CompuMark*, *MarkMonitor* and *Techstreet*, among others.

For more information, visit:

[clarivate.com](http://clarivate.com)

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