

# Legal Status Viewer

## About Legal Status Viewer

The Legal Status Viewer in PatBase gives an overview of the legal status information for a selected family.

## Accessing Legal Status Viewer

Access the viewer from the results page, select 'Status' on the right-hand side of the family bar.

1) Family number: 31597000 (US6611988B) Similar • Translate • Full-text • **Status** • Citations

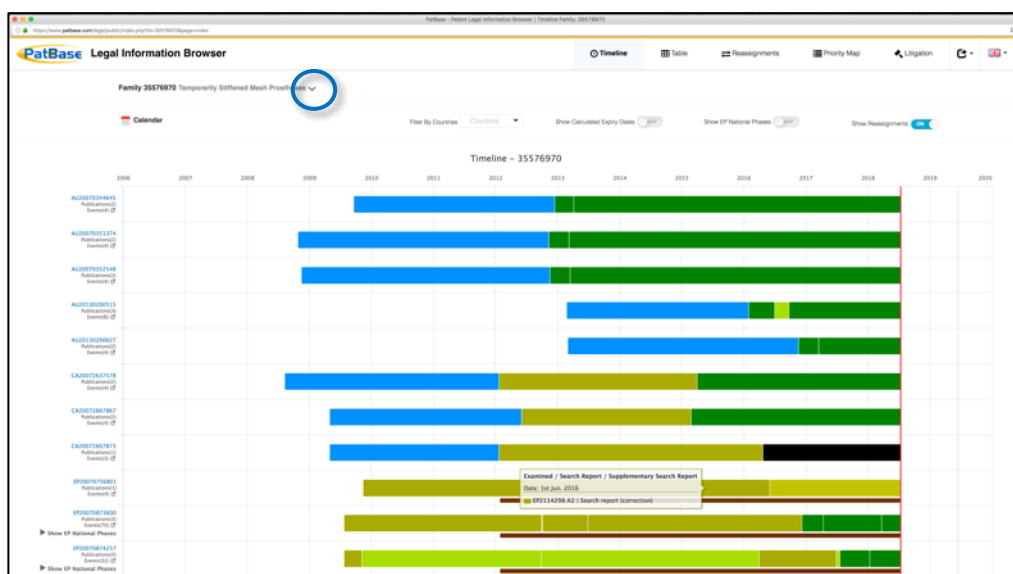
**Title:** [EN] Wiper blade for the glass surfaces of a motor **vehicle**

**Abstract:** Source: US6611988B [EN] A wiper blade is proposed, which is used for cleaning motor **vehicle** windows or glass. The wiper blade (10) is provided with an elongated, rubber-elastic wiper strip (16) that can be pressed against the window or glass (24) and that is disposed, parallel to the longitudinal axis, on one band face (14) of a bandlike-elongated, spring-elastic support element (12), and a coupling part (20) connected to the center portion of the support element is seated on the other band face (18) of the support element and has one hinge half (36), whose hinge axis (52) is oriented transversely to the length of the wiper blade (10). An improvement in wiper blade mounting and in the securing of the mounted wiper blade to a wiper arm provided with a hinge bolt is attained, if both this hinge half and the coupling means of the wiper blade are formed by a bearing recess (36) in the coupling part (20).

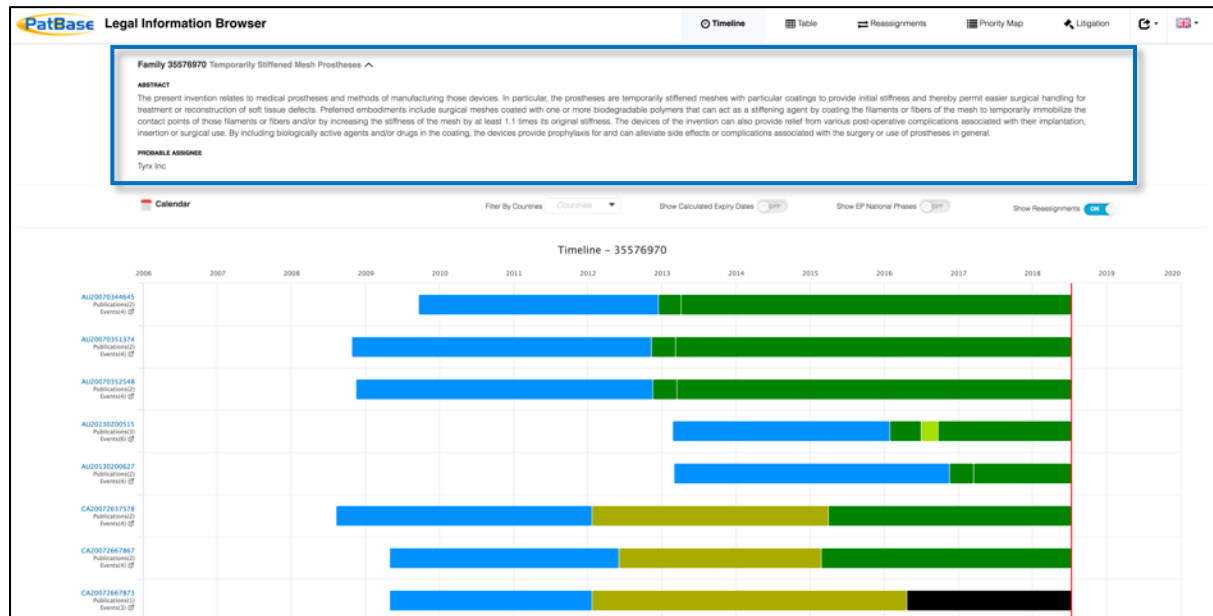
Technical drawing of a wiper blade assembly with various components labeled.

The scales symbol appears when litigation information (US only) is available for the family

The legal status viewer will open in a new window.



To view the probable assignee and abstract for the family, click on the arrow at the top of the page.



## Legal status event groups

The Legal Status groupings are based on the INPADOC PRS codes and the patent office codes from each national patent office. We allocate them into a category making them easy to manage:

LSAS	Reassignment	LSNP	Entry into national phase
LSDW	Deemed withdrawn/abandoned/cancelled	LSOP	Opposition/filed/request for revocation/annulment
LSES	Examined/supplementary search report issued	LSPB	Published
LSFE	Renewal fees paid	LSRE	Restored/reinstated/amended/partially amended
LSGT	Granted/extended (supplementary protection certificate)	LSRV	Revoked/rejected/annulled/invalid
LSLE	Lapsed/expired/ceased/dead	LSDW	Withdrawn/abandoned/cancelled/surrendered/suspended/terminated/void
LSLI	License	LSAP	Applied
LSNE	Non-entry into national phase	LSRX	Reexamination
LSAL	Appeal		

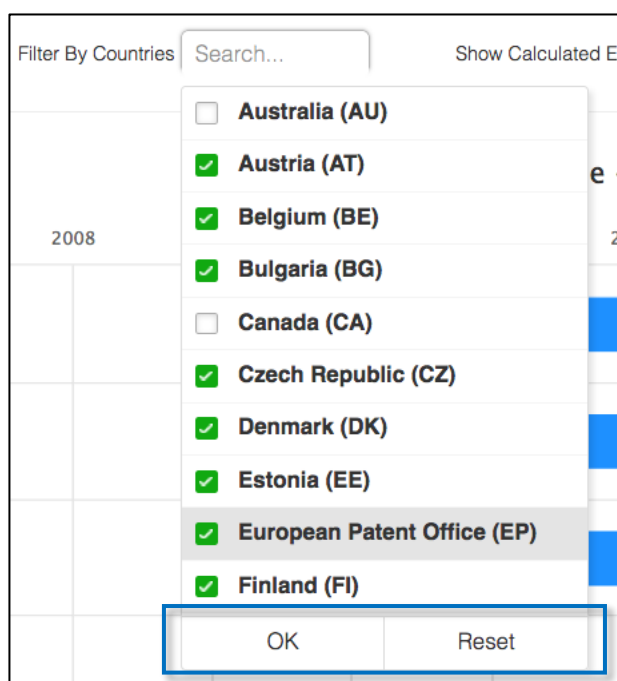
## Timeline view

The timeline view shows the legal status history of each publication in a family. Above the timeline, there are options to filter by country or alternatively use the search bar to find specific information. You can also choose whether or not to show reassignments, show calculated expiry dates or show EP National Phases.

### *Filter by country*

Open the drop-down menu and use the checkboxes to select which countries you are interested in, once you have selected all of the countries you would like to view, select OK.

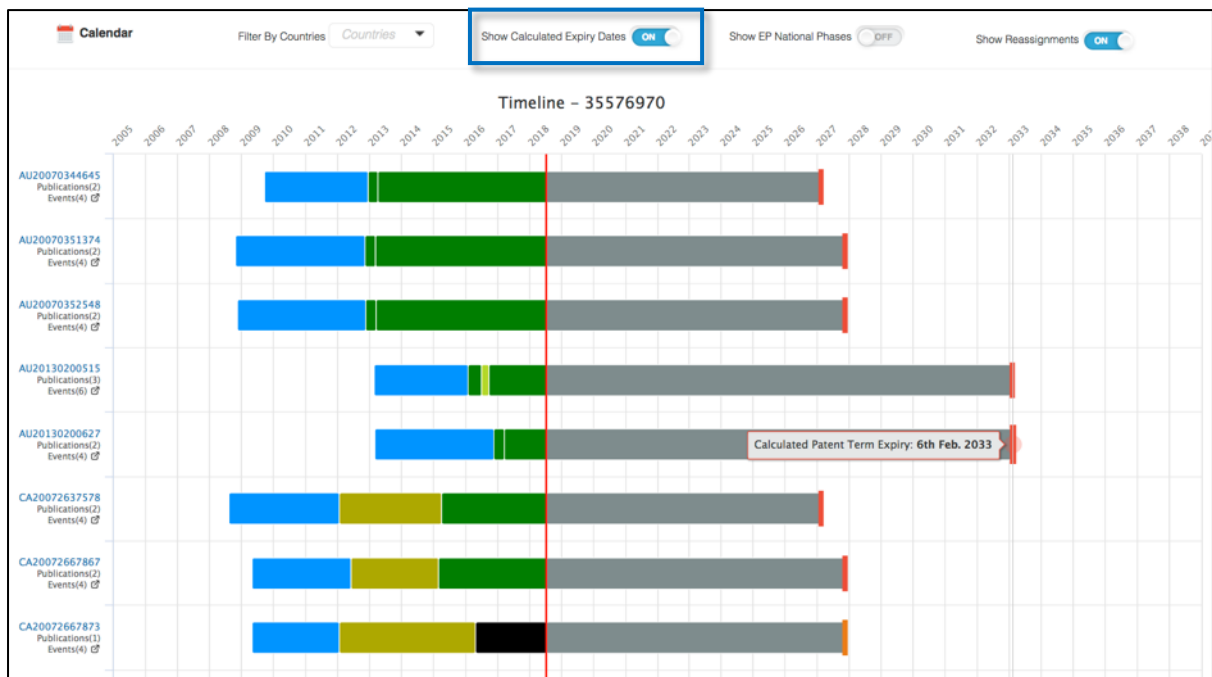
To remove the filter, open the drop-down menu again and select reset.



### *Show calculated expiry dates*

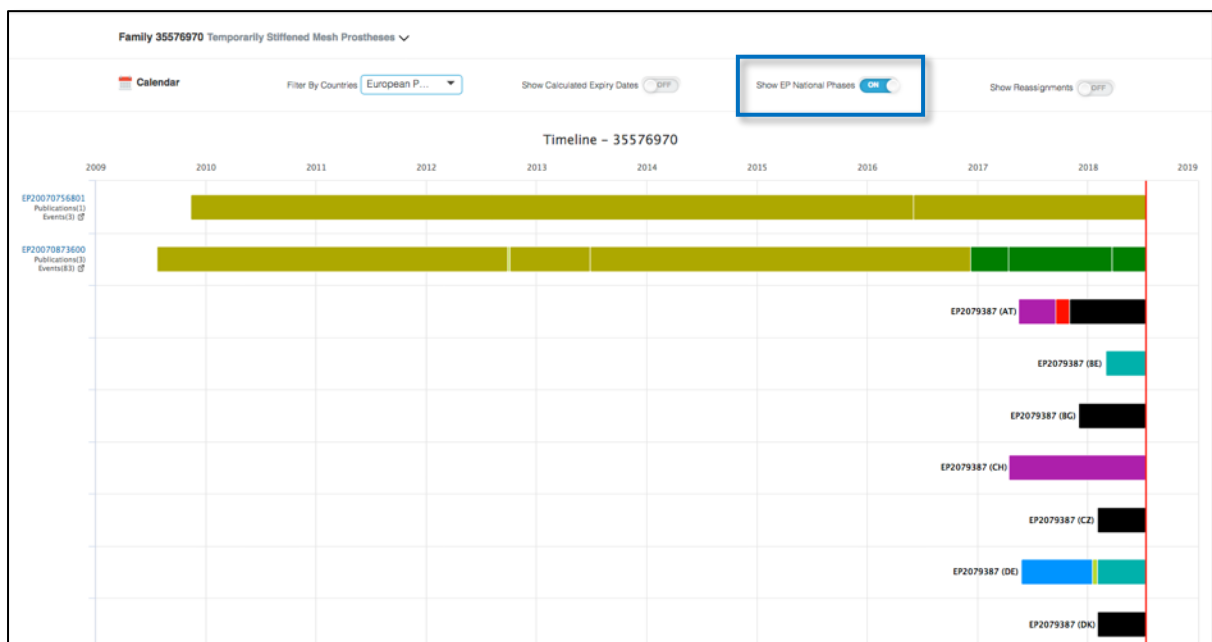
The calculated expiry dates take into account the different patent terms for each country, the type of document, and additional information (where available), e.g. Supplementary Protection Certificates (SPCs) and Patent Term Extensions (PTEs).

When the calculated expiry dates are activated, the timeline is extended into the future, ending with either a red or orange line. The red line symbolises a 'Calculated Patent Term Expiry', the orange line symbolises an 'Assumed Expiry'.



### Show EP National Phases

When this option is activated, the EP National Phases for each granted EP document will be shown, i.e. the legal status for each jurisdiction included under the EP document will be shown.



The EP National Phases can also be shown by opening up the drop-down underneath each EP publication.



Family 35576970 Temporarily Stiffened Mesh Prostheses								
<div> <div>Calendar</div> <div>Filter By Countries <span>Countries</span></div> <div>Filter By Event Group <span>Event Group</span></div> <div>Search <input type="text" value="Search Query"/></div> <div>Show Reassignments <span>ON</span></div> </div>								
Application No.	Application Date	Publication No.	Kind	Source	Event Date	Event Code	Event Group	Event Details
<a href="#">AU20070344645</a>	20070208	AU2007344645	AA	PatBase	20090917		LSPB	Published / Reissued
		AU2007344645	BB	PatBase	20121213		LSGT	Granted / Extensions (SPC, CPC, PTE)
		AU2007344645	BB	INPADOC	20130404	+FGA	LSGT	Letters patent sealed or granted (standard patent)
		AU2007344645	BB	PatBase	20270208		PEXP	Calculated Patent Term Expiry
<a href="#">AU20070351374</a>	20071106	AU2007351374	AA	PatBase	20081023		LSPB	Published / Reissued
		AU2007351374	BB	PatBase	20121108		LSGT	Granted / Extensions (SPC, CPC, PTE)
		AU2007351374	BB	INPADOC	20130307	+FGA	LSGT	Letters patent sealed or granted (standard patent)
		AU2007351374	BB	PatBase	20271106		PEXP	Calculated Patent Term Expiry
<a href="#">AU20070352548</a>	20071106	AU2007352548	AA	PatBase	20081113		LSPB	Published / Reissued
		AU2007352548	BB	PatBase	20121115		LSGT	Granted / Extensions (SPC, CPC, PTE)
		AU2007352548	BB	INPADOC	20130314	+FGA	LSGT	Letters patent sealed or granted (standard patent)

The hyperlinked application number will direct you to the register where you can view more information about the legal status for the specific publication(s).

The event code is the official legal status code used by the patent office in question or INPADOC. The event group is a generated by PatBase, grouping together different event codes into multiple categories. For information about the event group in question, either hover your mouse over the relevant code, or scroll to the bottom of the page to find the key.

Application No.	Application Date	Publication No.	Kind	Source	Event Date	Event Code	Event Group	Event Details
		AU2013200515	BB	PatBase	20160128		LSGT	Granted / Extensions (SPC, CPC, PTE)
		AU2013200515	BB	INPADOC	20160630	DA2	LSRE	Applications for amendment section 104 The nature of the amendment is as shown in the statement(s) filed 25 apr 2016 .
		AU2013200515	CA	INPADOC	20160922	DA3	LSRE	Amendments made section 104 The nature of the amendment is as shown in the statement(s) filed 25 apr and 6 jun 2016
		AU2013200515	CA	INPADOC	20160922	+FGA	LSGT	Letters patent sealed or granted (standard patent)
		AU2013200515	BB	PatBase	20330131		PEXP	Calculated Patent Term Expiry


Legend	
<span style="color: purple;">■</span>	LSAL - Appeal
<span style="color: brown;">■</span>	LSAS - Reassignment / Change of Name / Mortgage / Merger
<span style="color: gold;">■</span>	LSSE - Examined / Search Report / Supplementary Search Report
<span style="color: teal;">■</span>	LSFE - Renewal Fees
<span style="color: green;">■</span>	LSGT - Granted / Extensions (SPC, CPC, PTE)
<span style="color: black;">■</span>	LSLE - Lapsed / Expired / Ceased / Dead
<span style="color: darkgrey;">■</span>	LSNE - Non-Entry into National Phase
<span style="color: purple;">■</span>	LSNP - National Phase Entry
<span style="color: blue;">■</span>	LSPB - Published / Reissued
<span style="color: lightgreen;">■</span>	LSRE - Restored / Reinstated / Amended / Partially Amended / Correction
<span style="color: red;">■</span>	LSRV - Revoked / Rejected / Annulled / Invalid / Dismissed / Refused
<span style="color: pink;">■</span>	LSWD - Withdrawn / Abandoned / Cancelled / Surrendered / Suspended / Terminated / Void
<span style="color: red;">■</span>	PEXP - Calculated Patent Term Expiry

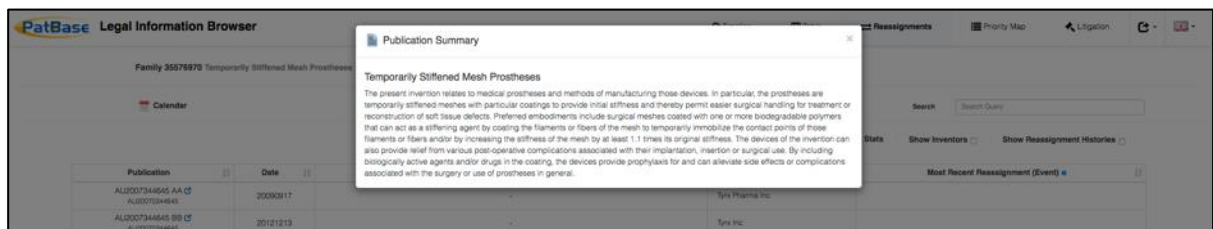
The table can be sorted by application number, application date, publication number, kind code, source, event date, event code, event group or event details by clicking on the arrows next to the relevant header.

Above the table, there are options to filter by country and event group or alternatively use the search bar to find specific information. You can also choose whether or not to show reassignments.

## Reassignments


The reassignment table shows the publication number, date, assignee information, standardized assignee information, and most reassignment event.

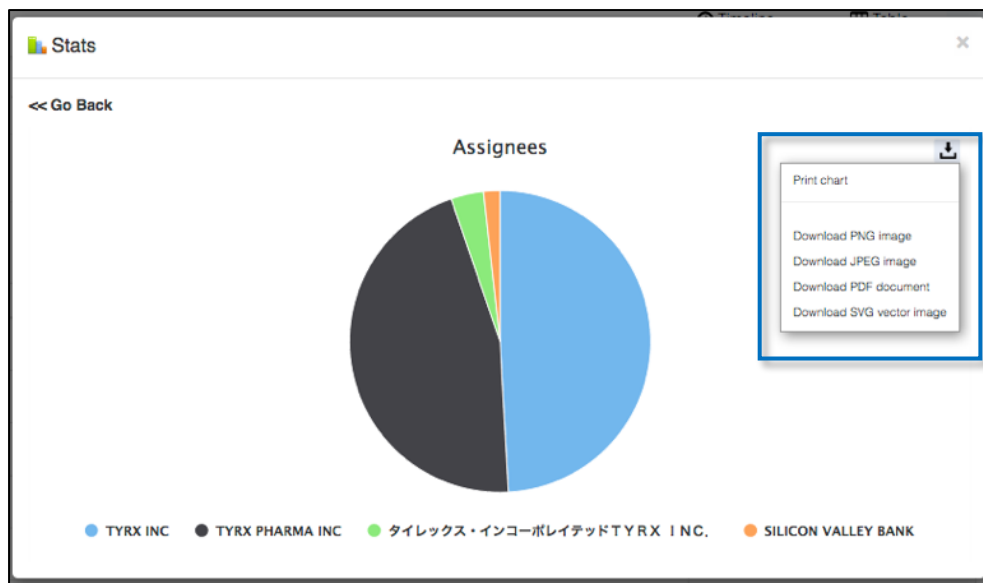
Each publication can be viewed in the national patent office website, by clicking on the  next to the publication number. Alternatively, you can click on the publication number itself to load a "Publication Summary".



Above the Reassignment table, there are options to filter by country or alternatively use the search bar to find specific information. In addition, there is a "Stat" option, a "Show Inventor" option and a "Show Reassignment Histories" option.

## Stats

The Stats option will load a pop out window which shows a table of all the assignees included within the family and how many times the assignee occurs. This can also be presented as a pie chart by selecting  Chart option. The pie chart can be downloaded as a PDF, JPEG, PNG or vector and/or printed as required.



### Show Inventors

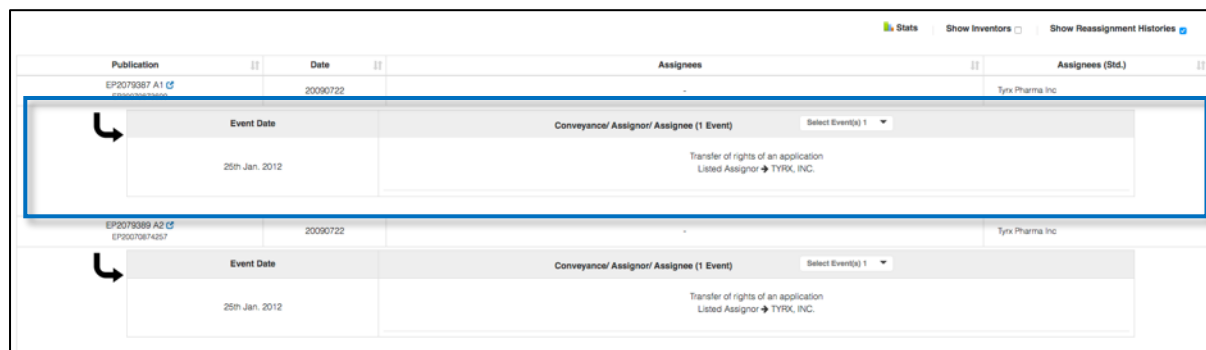
Once you have ticked the checkbox next to "Show Inventors", 2 additional columns will appear in the Reassignment table with Inventor and Standardized Inventor information.

Publication	Date	Inventors	Inventors (Std.)	Assignees	Assignees (Std.)	Most Recent Reassignment (Event)
AL2007344645 AA <a href="#">AU20070344645</a>	20090917	William Mojames Shari Timothy William Edelman Fatima Buevich Seth Pulapura Ankha Moses Mason Diamond Frank Do	Buevich Fatima Mojames William Moses Ankha Timothy Shari Do Frank Pulapura Seth Diamond Mason Edelman William	-	Tyrex Pharma Inc	
AL2007344645 BB <a href="#">AU20070344645</a>	20121213		Buevich Fatima Mojames William Moses Ankha Timothy Shari Diamond Mason Pulapura Seth Do Frank Edelman William	-	Tyrex Inc	
AL2007351374 AA <a href="#">AU20070351374</a>	20081003	William Mojames Shari Timothy Frank Do Fatima Buevich Seth Pulapura Ankha Moses Mason Diamond William Edelman	Edelman William Buevich Fatima Mojames William Moses Ankha Do Frank Timothy Shari Pulapura Seth Diamond Mason	-	Tyrex Pharma Inc	
AL2007351374 BB <a href="#">AU20070351374</a>	20121108		Edelman William Buevich Fatima Mojames William Moses Ankha Do Frank Timothy Shari Pulapura Seth Diamond Mason	-	Tyrex Inc	
AL2007352548 AA <a href="#">AU20070352548</a>	20081113	William Mojames William Edelman Fatima Buevich Ankha Moses Mason Diamond Frank Do	Buevich Fatima Mojames William Moses Ankha Do Frank Diamond Mason Edelman William	-	Tyrex Pharma Inc	
AL2007352548 BB <a href="#">AU20070352548</a>	20121115		Buevich Fatima Mojames William Moses Ankha Do Frank Diamond Mason Edelman William	-	Tyrex Inc	
AL2013200515 AA <a href="#">AU2013200515</a>	20130221		Edelman William Buevich Fatima Mojames William Moses Ankha Timothy Shari Pulapura Seth	-	Tyrex Inc	



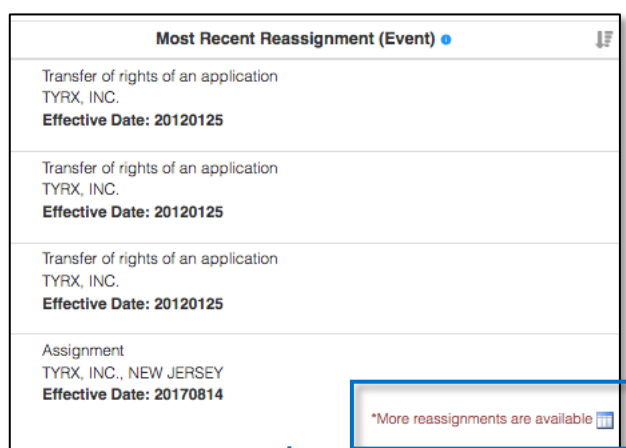
## Show Reassignment Histories

The reassignment history can be viewed in 2 ways, to load all reassignment histories, tick the checkbox next to "Show Reassignment Histories".

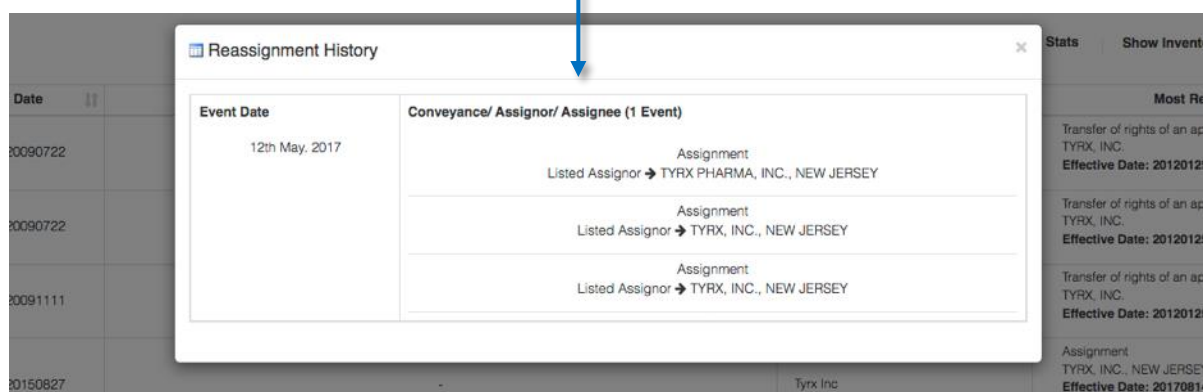


Publication	Date	Assignees	Assignees (Std.)
EP2079387 A1	20090722	-	Tyrx Pharma Inc
<b>Event Date</b> 25th Jan. 12			
<b>Conveyance/ Assignor/ Assignee (1 Event)</b> Select Event(s) 1			
Transfer of rights of an application Listed Assignor → TYRX, INC.			
EP2079389 A2	20090722	-	Tyrx Pharma Inc
EP2079387 A2	20090722	-	Tyrx Pharma Inc
<b>Event Date</b> 25th Jan. 12			
<b>Conveyance/ Assignor/ Assignee (1 Event)</b> Select Event(s) 1			
Transfer of rights of an application Listed Assignor → TYRX, INC.			

To check the reassignment history for a specific publication, select \*More reassignments are available (this shows the history where additional information is available), a pop-out window will appear with a Reassignment History Table for the publication of interest.



Most Recent Reassignment (Event)
Transfer of rights of an application TYRX, INC. <b>Effective Date: 20120125</b>
Transfer of rights of an application TYRX, INC. <b>Effective Date: 20120125</b>
Transfer of rights of an application TYRX, INC. <b>Effective Date: 20120125</b>
Assignment TYRX, INC., NEW JERSEY <b>Effective Date: 20170814</b>
<a href="#">*More reassignments are available</a>



Event Date	Conveyance/ Assignor/ Assignee (1 Event)
12th May. 2017	Assignment Listed Assignor → TYRX PHARMA, INC., NEW JERSEY
	Assignment Listed Assignor → TYRX, INC., NEW JERSEY
	Assignment Listed Assignor → TYRX, INC., NEW JERSEY

## Priority Map

The Priority Map page is split into 4 tabs: Relationship Table, Patent List, Priority List, Priority Relationship Diagram.

### Relationship Table

The relationship table shows how the publications within a family are related by priority number by ticking corresponding priority numbers for each patent within the family.

The drop-down menu on the right-hand side allows you to order the table by Priority (A-Z), Priority (Z-A), Priority Date (Ascending) & Priority Date (Descending). The table can also be ordered by patent number (alphabetical) & publication date, by clicking the arrows in the bottom of each cell.

PatBase Legal Information Browser

Family 3557970 Temporally Stiffened Mesh Prostheses

Relationship Table Patent List Priority List Priority Relationship Diagram

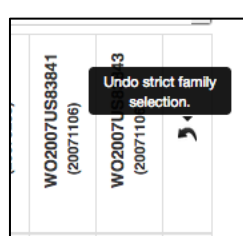
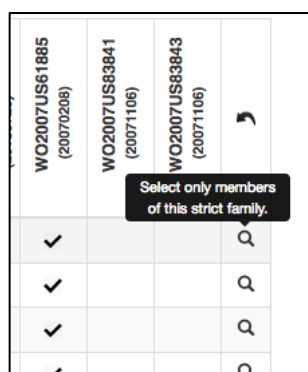
27 Priorities 62 Patents

Patent No.	Date	Priority
AL200734645 AA	20060913	
AL200734645 BB	20121213	
AL2007351374 AA	20081023	
AL2007351374 BB	20121108	
AL2007352548 AA	20081113	
AL2007352548 BB	20121115	
AL2013000515 AA	20130221	
AL2013000515 BB	20160128	
AL2013000515 CA	20160802	
AL2013000627 AA	20130228	
AL2013000627 BB	20161117	
CA2637578 AA	20060807	
CA2637578 C	20150331	
CA2667967 AA	20060428	

Order By: Priority (A-Z)

- Priority (A-Z)
- Priority (Z-A)
- Priority Date (Ascending)
- Priority Date (Descending)

To view only members of a strict family (i.e. patents that share the same priority numbers) simply click the magnifying glass on the right-hand side. To go back to viewing the priority relationships for the entire family, click the reverse arrow in the top row.



*Please note:* this will also change the patents shown in the Patent List and Priority List tabs.



### *Patent List*

The patent list shows which patents are associated with which priority numbers within a family. This tab is less useful for highlighting the priority relationships between publications in a family. The columns show the patent number, publication date and priority numbers.

The table can be ordered by patent number (alphabetical), publication date (ascending/descending) and priority number (alphabetical).

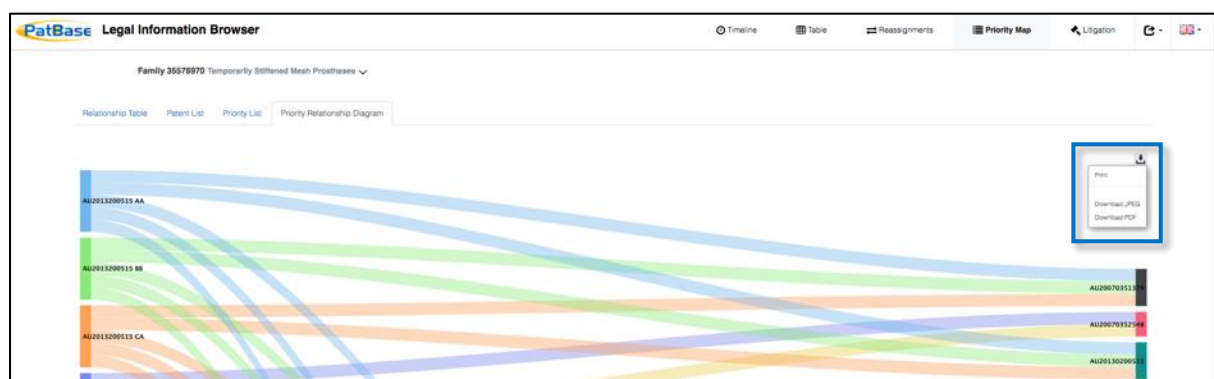
### *Priority List*

The priority list shows which priority numbers are associated with which patents. This is useful for seeing which priority numbers are most common within a family. The columns show the priority number, priority date, and publication numbers.

The table can be ordered by priority number (alphabetical), priority date (ascending/descending), publication number.

### *Priority Relationship Diagram*

The priority relationship diagram is the most visually appealing option; therefore, it is useful for sharing. Download/print options are available in the top right-hand corner.



### **Litigation**

Where available, the litigation tab will show all litigation proceedings (US only) for a patent family.

It can be viewed either by case or publication by selecting your preferred choice from the drop-down menu.

The table can be sorted by Case Number, Filing Date, Court, Nature, Plaintiff, Defendant and Status by clicking the arrows in the top row.

PatBase Legal Information Browser

Family 31597000 Wiper Blade For The Glass Surfaces Of A Motor Vehicle

Case Number	Filing Date	Court	Nature	Plaintiff	Defendant
2:10-cv-01932	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	Unipoint Electric MFG. CO., Ltd. and Unipoint North America
>> View Publications					
2:10-cv-01924	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	CAP America and Corea Autoparts Producing Corporation
>> View Publications					
2:10-cv-01931	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	Zhejiang Wandeyuan Vehicle Fittings Co., Ltd.
>> View Publications					
2:11-cv-02015	2011-04-08	New Jersey District Court	Patent	ADM 21 Company Limited and ADM 21 Company North America Limited	Robert Bosch GmbH and Robert Bosch LLC
>> View Publications					
1:11-cv-02437	2011-04-11	Illinois Northern District Court	Patent	Robert Bosch LLC	Danyang UPC Auto Parts Company Limited, Scan Top Enterprise Company Limited and UL Enterprises LLC
>> View Publications					
2:11-cv-14019	2011-09-14	Michigan Eastern District Court	Patent	Robert Bosch LLC	CAP America and Corea Autoparts Producing Corporation
>> View Publications					
2:11-cv-01762	2011-11-02	Nevada District Court	Patent	Robert Bosch LLC	William Cheng and Jialiang Yada Traffic Equipment Co. Ltd.
>> View Publications					
1:12-cv-00437	2012-01-20	Illinois Northern District Court	Patent	Robert Bosch LLC	Trico Products Corporation and Trico Products
>> View Publications					
1:12-cv-00574	2012-05-04	Delaware District Court	Patent	Robert Bosch LLC	Alberese Products Inc. and API Korea Co. Ltd.
>> View Publications					

For more information about the case, click on the link next to the case number of interest.

More information is available about the contested publication(s) by clicking “View Publications” underneath the case number of interest.

Case Number	Filing Date	Court	Nature	Plaintiff	Defendant
2:10-cv-01932	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	Unipoint Electric MFG. CO., Ltd. and Unipoint North America
>> View Publications					
2:10-cv-01924	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	CAP America and Corea Autoparts Producing Corporation
>> View Publications					
2:10-cv-01931	2010-11-03	Nevada District Court	Patent	Robert Bosch LLC	Zhejiang Wandeyuan Vehicle Fittings Co., Ltd.
>> View Publications					
2:11-cv-02015	2011-04-08	New Jersey District Court	Patent	ADM 21 Company Limited and ADM 21 Company North America Limited	Robert Bosch GmbH and Robert Bosch LLC
<< Hide					
publication	Date	Assignee	Grant	Title	Abstract
US6611988 BA	20030902	Robert Bosch Lic	Yes	Wiper Blade For The Glass Surfaces Of A Motor Vehicle	A wiper blade is proposed, which is used for cleaning motor vehicle windows or glass. The wiper blade (10) is provided with an elongated, rubber-elastic wiper strip (16) that can the longitudinal axis, on one band face (14) of a bandlike-elongated, spring-elastic support element (12), and a coupling part (20) connected to the center portion of the support element (12). The coupling part (20) has a one hinge half (36), whose hinge axis (52) is oriented transversely to the length of the wiper blade (10). An improvement in wiper blade mounting and in the securing of the mounting is provided. This hinge half and the coupling means of the wiper blade are formed by a bearing recess (36) in the coupling means (20).

## Download/print options

Download and print options are available for each section. An offline link can be generated and shared by email, or the data can be downloaded as an Excel, PDF or Word document.

PatBase Legal Information Browser

Family 31597000 Wiper Blade For The Glass Surfaces Of A Motor Vehicle

Calendar Filter By Countries: Countries Show Calculated Expiry Dates: OFF Show EP National Phases: OFF Show Real Time: OFF

Link, Email, Print, PDF, JPEG