



# Accessing CPC Patent Families in WEST

## DRAFT For Review Only

A Patent Family is a group of documents related to each other by common priorities. A PGPub and any patent issued from the same application are considered as being in the same family.

### Setting Prior Art Databases

To view all US and Foreign Patent Family members, searches need to be conducted with all US databases and the FPRS database selected. These databases can be set as the default search selection.

In the **WEST Freeform Search** page:

1. Select **MENU**; see **Figure 1**.
2. Select **Preferences**
3. Select **User Profile**

In the **Edit WEST User Profile for User: username**

4. Select **US Pre-Grant Publication Full Text Database, US Full Text Database, US Patents OCR Backfile and Foreign Patent Retrieval** in the **Prior Art Default Database** field; see **Figure 2**.
5. Select **Save**.
6. Select **OK** for the User profile updated for username box.

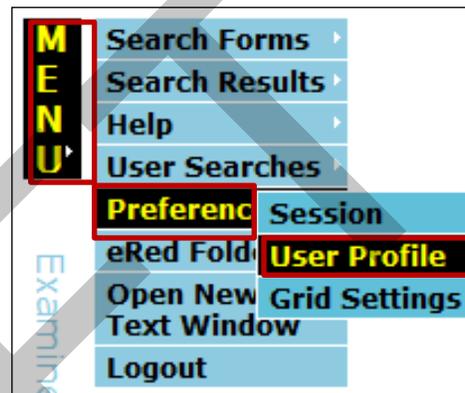


Figure 1. Accessing User Profile



Figure 2. Database Selection

### Setting the Grid to Display Family ID and CPC Columns

In the **WEST Freeform Search** Page:

1. Select **MENU**; see **Figure 3**.
2. Select **Preferences**
3. Select **Grid Settings**

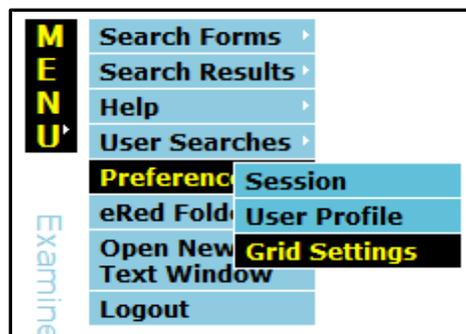


Figure 3. Accessing Grid Settings

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## Setting the Grid to Display Family ID and CPC Columns

In the WEST Grid Settings for username; see Figure 4:

1. Select the **Family ID** radio button as the **Filtering** Type.
2. Select the **Oldest English document (if available) in a Family** check box or select the preferred choice from the **Order of Preferred Databases**.
3. If **Foreign Patent Retrieval (FPRS)** is selected as the preferred database, the check the **Prefer documents written in English (for FPRS only)** check box (if desired).
4. Select **Family ID [FMID]**, **Lang [LAN]**, **CPCI [CPCI]**, **CPCA [CPCA]**, **CIPC Pri [CICPP]**, **CIPC Sec [CIPCS]** on the **Grid Display Columns Available Columns** listing
5. Select **Copy to Grid** button to transfer to **Grid Columns**
6. Highlight a selection in the **Grid Columns** listing, use the up or down arrow to move to desired location.
7. Click **Save**.

Figure 4. Grid Settings

## Searching CPC Data and Family IDs

In the **Freeform Search** page:

1. Enter text or classification(s) in the term field; see **Figure 5**.
2. Apply the appropriate index for any classifications entered.
3. Click **Search** or press **Enter** to run the search.

Figure 5. Freeform Search



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## Viewing the CPC Data and Family IDs

In the **Search History** area under the **Set Name/Grid**

1. Select the **Grid L#** to view the desired result Set; see **Figure 6**.
2. The Grids now display the **Patent Family ID, LANG, CPCI, CPCA, CIPC Pri, CIPC Sec** columns.
3. View the Patent Family Data listing by clicking on the **+** number hyperlink on the filter column; see **Figure 7**.
4. All Patent Family members will expand as rows below the selected.
5. Click on the **-** number icon to collapse the family members back under the selected document; see **Figure 8**.

DATE: Thursday, October 30, 2014 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Order By	Set Name Side by Side	Query	Hit Count	Set Name Result Set	Set Name Grid	Set Name Classification
<i>Prior Art Searches</i>						
DB=PGPB,USPT,USOC,FPRS; PLUR=YES; OP=ADJ						
Date	<a href="#">L1</a>	h04n7/26.cpa.	41	<a href="#">L1</a>	<a href="#">L1</a>	<a href="#">L1</a>
END OF SEARCH HISTORY						

Figure 6. Search history

Rec #	Sel	U	Doc ID	Family ID	CPC	CPC	CIPC Pri	CIPC Sec	DBNM	Pub Date
+6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20130058232 A1	44882287			H04W24/00		PGPB	20130307
+32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20050190774 A1	34887081			H04L12/28		PGPB	20050901
40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CN 102932841 A	46889475					FPRS	20130213

Figure 7. Condensed Grid View

**L1: Records 1 through 40 of 40- Filtered by Family ID ( 2 Families )**  
 Sorted by: **Rec #**  
 Sort is done only on each individual page

L1: Records 1 through 40 of 40- Filtered by Family ID ( 2 Families )  
 Sorted by: **Rec #**  
 Sort is done only on each individual page

Rec #	Sel	U	Doc ID	Family ID	CPC	CPC	CIPC Pri	CIPC Sec	DBNM	Pub Date	Lang	Title	Inventor
-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	GB 201115386 D0	44882287					FPRS	20111019	EN	Signal processing	
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20130058232 A1	44882287			H04W24/00		PGPB	20130307	EN	Signal Processing	Wurm; Karlheinz et al.
22	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 8830853 B2	44882287			H04L12/26		USPT	20140909	EN	Signal processing	Wurm; Karlheinz et al.
36	<input type="checkbox"/>	<input checked="" type="checkbox"/>	KR 20140074886 A	44882287					FPRS	20140618	EN	SELECTION OF SIGNAL PROCESSING MODULE DEPENDING ON NETWORK CONDITIONS	ZHAO DAVID et al.
37	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EP 2740291 A1	44882287					FPRS	20140611	EN	SELECTION OF SIGNAL PROCESSING MODULE DEPENDING ON NETWORK CONDITIONS	ZHAO DAVID et al.
38	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WO 2013036682 A1	44882287					FPRS	20130314	EN	SELECTION OF SIGNAL PROCESSING MODULE DEPENDING ON NETWORK CONDITIONS	ZHAO DAVID et al.
39	<input type="checkbox"/>	<input checked="" type="checkbox"/>	GB 2494111 A	44882287					FPRS	20130313	EN	Selecting a hardware processing module or a software processing module for processing a packet based call at a mobile device	ZHAO DAVID et al.
+32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20050190774 A1	34887081			H04L12/28		PGPB	20050901	EN	Apparatus and method for coding an information signal into a data stream, converting the data stream and decoding the data stream	Wiegand, Thomas

Figure 8. Expanded Grid View

**NOTES:**

- Once a Patent Family has been expanded for viewing, the + number will become a - number in the filter column.
- Clicking on the + icon column header expands all the patent families data.



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Order By	Set Name	Query	Hit Count	Set Name	Set Name	Set Name
Side by Side	Result Set	Grid	Classification			
<i>Prior Art Searches</i>						
DB=PGPB,USPT,USOC,FPRS; PLUR=YES; OP=ADJ						
Date	L1	h04n7/26.cpa.	41	L1	L1	L1

END OF SEARCH HISTORY

Figure 9. Search History

1. Document ID: US 20140302077 A1  
L1: Entry 1 of 363

PGPUB-DOCUMENT-NUMBER: 20140302077  
PGPUB-FILING-TYPE: US 20140302077 A1  
DOCUMENT-IDENTIFIER: US 20140302077 A1  
TITLE: LIVE ATTENUATED INFLUENZA VIRUS  
PUBLICATION-DATE: October 9, 2014  
PATENT-FAMILY-ID: **47002823**

INVENTOR-INFORMATION:  
NAME CITY STATE COUNTRY  
Anhlan; Darisuren Muenster DE  
Scholtissek; Christoph Linden DE  
Ludwig; Stephan Muenster DE

Figure 10. Result Set Document View

## Searching Family IDs

The Family ID number is also displayed in the Result Set view.

1. Select the **Result Set L#** to view the desired result set; see **Figure 9**.
2. Click on the **Family ID** hyperlink; see **Figure 10**.
3. WEST will formulate and run the Family ID search in the Freeform Search page and create a new L#s; see **Figure 11**.
4. The Family ID search results will automatically display in the Result Set view.

Search Type:  Prior Art  Interference

Term:

Recall Text

Display: 5 Documents in Display Format: Starting with Number 1

Order By:  Date  Hits

Generate:  Hit List  Hit Count  Side by Side  Image

Search Clear Interrupt

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Search History

DATE: Monday, November 03, 2014 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Order By	Set Name	Query	Hit Count	Set Name	Set Name	Set Name
Side by Side	Result Set	Grid	Classification			
<i>Prior Art Searches</i>						
DB=FPRS,PGPB,USPT; PLUR=YES; OP=OR						
	L2	47002823.FMID.	4	L2	L2	L2
DB=PGPB,USPT,USOC,FPRS; PLUR=YES; OP=OR						
	L1	(mutant with swine)	363	L1	L1	L1

Figure 11. FMID Freeform Search

### NOTE:

- Family ID numbers obtained from other sources can be searched in WEST by attaching the .FMID. indexing code in a Freeform search and selecting the appropriate databases.

### For More Information:

- Business Process Questions: Contact your manager.
- Software Training: Contact an ITRP at 571-272-3471 or at AskAnITRP via Chat.
- For software issues contact the Service Desk at 571-272-9000; e-mail [ServiceDesk@USPTO.gov](mailto:ServiceDesk@USPTO.gov).
- General Feedback on <insert topic>: Contact [PASM](#) (Patent Automation Support Manager) via <http://usptoct/sites/pafb/pas/>.