



Rules for Selecting Data in Multi-Database Patents Reports

PIUG 2010 Annual Conference

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The Problem

- When creating patents reports combining search results from different databases...
- *...how do you choose between conflicting information from different sources?*

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Sample Combined Report

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for Patents

3.3

Mousetraps Fall 2007 – PatBase, MicroPatent, DWPI




Title	Database	Patent Family			Abstract	International Patent Class
		Patent	Kind	Date		
1. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over bow, where safety arm is rotated by user with use of lever.	Derwent World Patents Index	US 2006064922	A1	20060330	US2006064922 A UPAB: 20060410 NOVELTY: The trap has a lever (4) located above a collar and attached to a top portion of a screw attachment. A safety arm (5) is attached to the top portion of the screw attachment and is maneuvered over a bow (12). The safety arm is rotated by a user with the use of the lever. The screw attachment is anchored to the base such that the lever is located outside a swing path of the bow. [CONT.]	Main: A01M-023-00, A01M-023-30
		WO 2006036767	A2	20060406		
2. Safety disposable mouse trap	PatBase	US 2006064922	A	2006-03-30	Source: US2006064922 A This product is designed to provide a disposable spring-loaded mouse trap with a safety arm to prevent accidental discharge of the bow of a spring-loaded mouse trap. The safety disposable mouse trap consists of a lever screw attachment, safety arm and other conventional spring-loaded mouse trap elements. [CONT.]	A01M23/28 A01M23/30 A01M23/00
		US 2007151140	A	2007-07-05		
		WO 06036767	A2	2006-04-06		
		WO 06036767	A3	2006-09-14		
3. SAFETY DISPOSABLE MOUSE TRAP	MicroPatent	WO 2006036767	A2	2006-09-14	This product is designed to provide a disposable spring loaded mouse trap with a safety arm to prevent accidental discharge of the bow of a spring-loaded mouse trap. The safety disposable mouse trap consists of a lever, screw attachment, safety arm, and other conventional spring-loaded mouse trap elements. [CONT.]	A01M23/30
4. SAFETY DISPOSABLE MOUSE TRAP	MicroPatent	WO 2006036767	A2	2006-04-06	This product is designed to provide a disposable spring-loaded mouse trap with a safety arm to prevent accidental discharge of the bow of a spring-loaded mouse trap. The safety disposable mouse trap consists of a lever, screw attachment, safety arm, and other conventional spring-loaded mouse trap elements. [CONT.]	A01M002330
Safety disposable mouse trap	MicroPatent	US 20060064922	A1	2006-03-30	This product is designed to provide a disposable spring-loaded mouse trap with a safety arm to	A01M002330

Sample Combined Report

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4.0

Mousetrap Patents (2007) -- DWPI, PatBase, MicroPatent

Title	Database	Image	Abstract	Patent Family			Claims
				Patent	Kind	Date	
1. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over bow, where safety arm is rotated by user with use of lever.	1.1 MPAT link 1.2 MPAT link 1.3 MPAT link 1.4 Patbase link 1.5 DWPI link		US2006064922 A UPAB: 20060410 NOVELTY: The trap has a lever (4) located above a collar and attached to a top portion of a screw attachment. A safety arm (5) is attached to the top portion of the screw attachment and is maneuvered over a bow (12). The safety arm is rotated by a user with the use of the lever. The screw attachment is anchored to the base such that the lever is located outside a swing path of the bow. [CONT.]	US 2006064922	A	2006-03-30	1. An animal trap comprising: (a) a base, (b) a screw attachment anchored to the base, (c) a lever located on the screw attachment, (d) a safety arm located on the screw attachment and maneuverable over a bow, and (e) said bow connected to a coil spring and attached to the base in a manner that allows the bow to be held in a cocked position with the use of a locking bar attached on one end of the [CONT.]
				US 2007151140	A	2007-07-05	
				WO 06036767	A2	2006-04-06	
				WO 06036767	A3	2006-09-14	
				1.5 DWPI	1.2 DWPI	1.5 DWPI	
2. PIEGE A SOURIS: Mousetrap has with two open heightening at open ends adhesive layer on inner wall	2.1 MPAT link 2.2 Patbase link		Source: GB2406257A1 A mouse trap includes a hollow barrel 1 having open ends. The barrel has inner walls 11 at the bow 2 and an adhesive surface 22 on the interior wall of the barrel between the two raised inner walls 11. The inner diameter of the inner wall 11 is smaller than the diameter of the adhesive surface 2. [CONT.]	DE 20315618	U1	2003-12-04	None
				FR 2800955	A3	2005-03-15	
				GB 200322800	A0	2003-12-04	
				GB 2406257	A1	2005-03-15	
				2.2 Patbase	2.2 Patbase	2.2 Patbase	
3. Portable electrical trap for capturing and killing a mouse, has vacuum source which sucks the mouse fully into a collection chamber within which the mouse is subsequently suffocated.	3.1 DWPI link 3.2 MPAT link		US 6865843 B UPAB: 20050400 NOVELTY: Primary and secondary motion sensors (28,34) detect the presence of a mouse inside the interior cavity of the mouse trap (10). A primary gate and a secondary gate (36) in turn automatically opens upon activation of the corresponding motion sensor. A vacuum source (40) sucks the mouse fully into a collection chamber (38) within which the mouse	US 6865843	B1	2005-03-15	1. A portable electrical mouse trap for capturing and killing a mouse, comprising: a housing in the shape of a cat having a head with a pair of eyes and a mouth defining an interior cavity, the mouth forming an entrance to the interior cavity, a primary motion sensor near the entrance to the interior cavity for selectively closing the mouth, a

Survey conducted in April 2010

- SurveyGizmo
- Sent 100+ survey invitations to BizInt Smart Charts for Patents users
- Posted survey invitation on PIUG wiki
- 6 questions
- 28 responses

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Question 1: Patent Titles & Abstracts

- Derwent World Patents Index and Chemical Abstracts both provide enhanced titles and abstracts, while other databases, such as Patbase or MicroPatent, present the original or translated titles and abstracts.

When a record with enhanced titles and abstracts is part of a group, do you?

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Question 1: Patent Titles & Abstracts

Answer	Count	Percent
Always select the enhanced title/abstract	11	39%
select the title/abstract that best fits the search	11	39%
No preference	3	11%
decide based on cost or license terms	2	7%
Never select the enhanced title/abstract	1	4%

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Question 2: Consistency within a Record

- Selecting information from a mix of records can sometimes result in some fields not containing consistent information. For example, classification codes may come from a publication not in the selected family, or vice versa.

How important is consistency between fields?

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Question 2: Consistency within a Record

Answer	Count	Percent
I would prefer that data between fields match, all else equal	15	54%
I would always make sure the data between fields match	6	21%
Absolute consistency between fields is not important	5	18%
No preference	2	7%

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Question 3: Patent Families

- The families reported by databases are often different.

Which of these best describes how you select which publication numbers to show in your results?

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Question 3: Patent Families

Answer	Count	Percent
Create a composite family combining all of the publications in all of the records	10	36%
Select the most comprehensive family	7	25%
Select the family from a particular database provider	5	18%
Select the smallest family which contains authorities of interest	3	11%
No preference	2	7%
Select only publications for authorities of interest	1	4%

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Question 4: Publication Numbers

- If you select a basic publication number to represent the family, how do you choose?

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Question 4: Publication Numbers

Answer	Count	Percent
Select the earliest publication in the retrieved results	9	32%
Select a specific authority	8	29%
No preference	6	21%
Select an authority for which linked content is available	4	14%
Select the basic publication	1	4%

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Question 5: Claims - Language

- Assuming that you and/or your client are English-speakers -- If a patent has been granted, and the granted publication is currently only available in another language (e.g., German),

which claims would you present to your client?

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Question 5: Claims - Language

Answer	Count	Percent
Claims from any application in English	9	32%
The granted claims, even though they are not in English	8	29%
Machine translation of the granted claims	6	21%
English claims from an application to a specific authority	4	14%
No preference	1	4%

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Resulting Report

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Mousetraps Fall 2007 -- PatBase, MicroPatent, DWPI

Title	Abstract	Patent Number	Patent Family			Claims
			Patent	Kind	Date	
1. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over bow, where safety arm is rotated by user with use of lever.	US2006064922 A UPAB: 20060410 NOVELTY: The trap has a lever (4) located above a collar and attached to a top portion of a screw attachment. A safety arm (5) is attached to the top portion of the screw attachment and is maneuvered over a bow (12). The safety arm is rotated by a user with the use of the lever. The screw attachment is anchored to the base such that the lever is located outside a swing path of the bow. [CONT.]	US 2006064922	UG 2006064922	A	2006-03-30	1. An animal trap comprising: (a) a base; (b) a screw attachment anchored to the base; (c) a lever located on the screw attachment; (d) a safety arm located on the screw attachment and maneuverable over a bow; and (e) said bow connected to a coil spring and attached to the base in a manner that allows the bow to be held in a cocked position with the use of a locking bar attached on one end of the [CONT.]
			US 2007151140	A	2007-07-05	
			WO 06036767	A2	2006-04-06	
			WO 06036767	A3	2006-09-14	
2. PIEGE A SOURIS settrap has drum with two heights at open ends and applied on interior layer of drum	Source: GB2406257A1 A mouse trap includes a hollow bar with two open ends. The bar has raised inner walls 11 at the two ends and an adhesive surface 2 on the interior wall of the bar between the two raised inner walls. The diameter of each raised wall 11 is smaller than the inner diameter of the adhesive surface 2. [CONT.]	DE 20315	DE 20315	U1	2003-12-04	None
			FR 2860955	A3	2004-04-22	
			GB 200322688	A0	2003-10-29	
			GB 2406257	A1	2003-03-30	
3. Portable electrical mouse trap	A portable electrical mouse trap that has a housing in the shape of a call to which a handle is attached. An interior	US 6865843	US 6865843	B1	2005-03-15	1. A portable electrical mouse trap for capturing and killing a mouse, comprising: a housing

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Thank you to
everyone who
answered the
survey!

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