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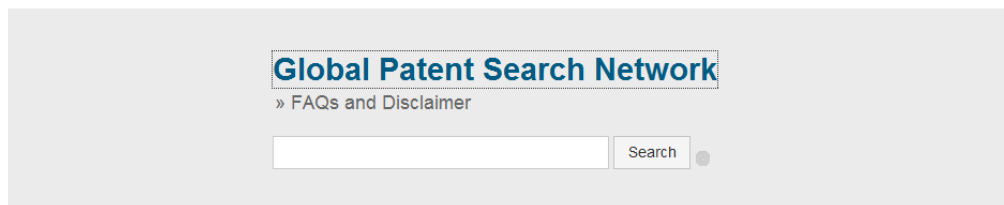
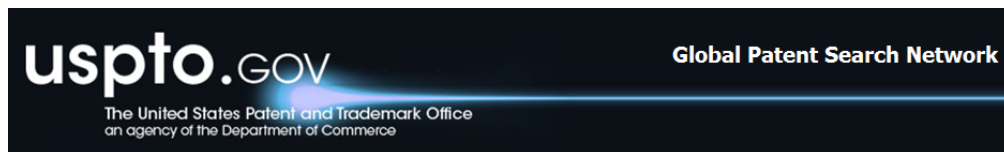
**GLOBAL PATENT SEARCH NETWORK**



# User Interface Overview

1. Click on <http://www.gpsn.uspto.gov/>, to access the Home Page of GPSN.
2. In the search box, enter search term(s) in either English or Chinese.

3. Available Operators are:



## Welcome to the Global Patent Search Network.

As a result of cooperative effort between the United States Patent and Trademark Office (USPTO) and State Intellectual Property Office (SIPO) of the People's Republic of China, Chinese patent documentation is now available for search and retrieval from the USPTO website via the Global Patent Search Network. This tool will enable the user to search Chinese patent documents in the English or Chinese language. The data available include fulltext Chinese patents and machine translations. Also available are full document images of Chinese patents which are considered the authoritative Chinese patent document. Users can search documents including published applications, granted patents and utility models from 1985 to 2012.

[More about GPSN >](#)

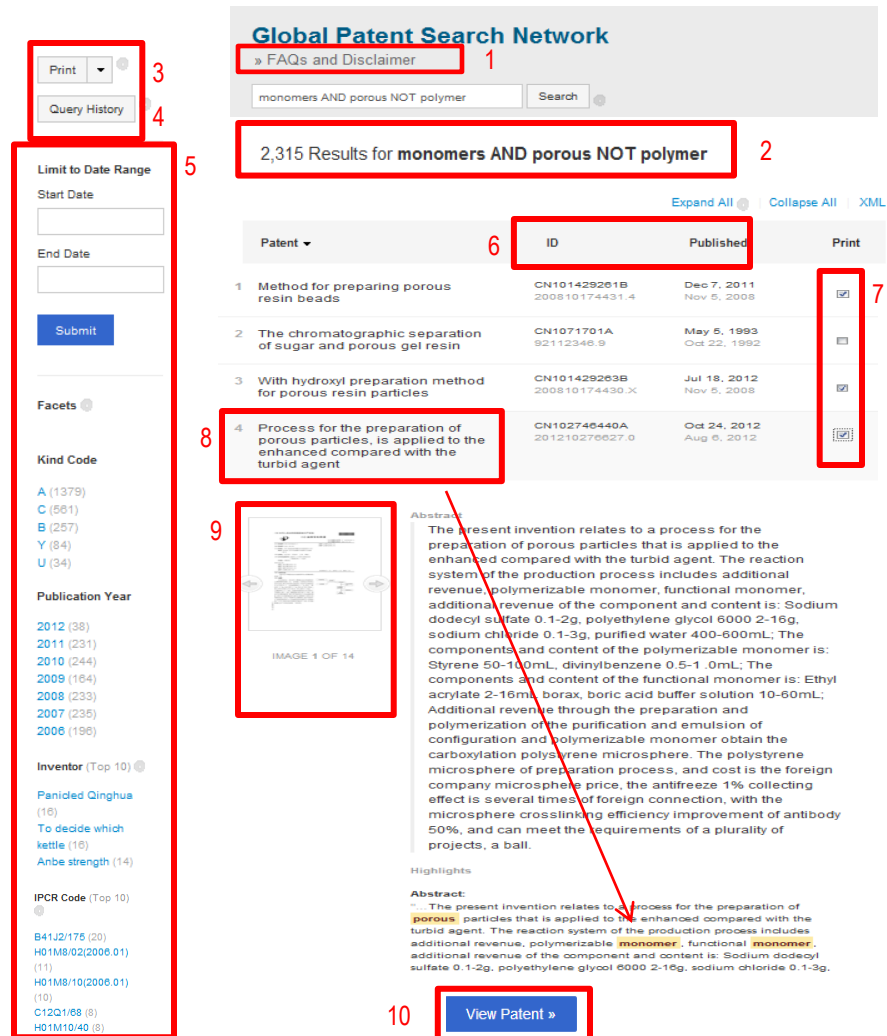
Total documents: 4,122,845 | [Send Feedback](#)

Operator	Description	Example
<b>Wildcard Searches</b>		
?	One wildcard character	te?t returns results that include the term test and text
*	Any number of wildcard characters	test* returns test, testing, tester, testers
<b>Range Searches</b>		
Date Range field: [a TO b]	Match documents whose date field values are between the lower and upper bound specified by the range query	date_publ:[2011-01-01T00:00:00Z TO 2011-12-31T23:59:59Z]
<b>Fuzzy Searches</b>		
~	Returns terms similar in spelling and allows for misspelling	roam~ will return foam and roams, etc.
<b>Boolean Operator</b>		
AND	Returns results with three, plug, monomers and porous. If no operators are provided, the default operator is "AND".	three plug monomers porous is the same as: three AND plug AND monomers AND porous
OR	Returns results that include apple or banana. When a Boolean other than "AND" is used in the search query the default operator becomes "OR".	apple OR banana  monomers porous NOT polymer is the same as: (monomers OR porous) NOT polymer
NOT	Returns results that include apple and not banana	apple NOT banana
+	Returns results that include word after +. It must be attached immediately before the word or phrase that it is modifying to take effect.	+apple +banana +monomers +porous -polymer is the same as: (monomers AND porous) NOT polymer
-	Returns results that do not have the word after -. It must be attached immediately before the word or phrase that it is modifying to take effect.	apple -"banana cake" monomers porous -polymer is the same as: (monomers OR porous) NOT polymer
<b>Field Grouping</b>		
() AND, OR, NOT	Groups multiple clauses to a single field	sensor AND (cat OR dog)

# User Interface Overview (continued)

## Search result set Window

1. View Disclaimer and FAQs.
2. Display total number of documents returned in result set and the query statement.
3. Printing options: **Print Selected** documents or **Print All** the documents as displayed on the result set list.
4. Click **Query History** to view search query history as displayed on the *Query History List Window*.
5. Narrowing search results by clicking on one or more facets or entering a date range.
6. Click on ID or Published to sort the result set in ascending/descending order based on the column clicked.
7. Check the boxes to select documents to be printed.
8. Click on a document title to get an expanded view of the document. The specification sections are displayed with search terms highlighted.
9. Click on the thumbnail to flip through images of the document.
10. Click on **View Patent** to get a full view of the document as displayed in the *Viewing Details of a Selected Document Window*.



The screenshot shows the search results interface for the query "monomers AND porous NOT polymer". The results are displayed in a table with columns for Patent, ID, Published, and Print. A search bar at the top shows the query and a search button. A "Query History" button is located in the top left. A "Limit to Date Range" section allows filtering by start and end date. A "Facets" section shows filters for Kind Code and Publication Year. A "Print" button is in the top right. A "View Patent" button is at the bottom right. A thumbnail image of a document is shown next to the first result.

Numbered callouts in the image:


- 1: FAQs and Disclaimer link
- 2: 2,315 Results for monomers AND porous NOT polymer
- 3: Print button
- 4: Query History button
- 5: Limit to Date Range section
- 6: Patent column header
- 7: Print checkboxes for individual results
- 8: Document title for result 4
- 9: Document thumbnail
- 10: View Patent button

Patent	ID	Published	Print
1 Method for preparing porous resin beads	CN101429261B 200810174431.4	Dec 7, 2011 Nov 5, 2008	<input checked="" type="checkbox"/>
2 The chromatographic separation of sugar and porous gel resin	CN1071701A 92112346.9	May 5, 1993 Oct 22, 1992	<input type="checkbox"/>
3 With hydroxyl preparation method for porous resin particles	CN101429263B 200810174430.X	Jul 18, 2012 Nov 5, 2008	<input checked="" type="checkbox"/>
4 Process for the preparation of porous particles, is applied to the enhanced compared with the turbid agent	CN102746440A 201210276627.0	Oct 24, 2012 Aug 6, 2012	<input checked="" type="checkbox"/>

# User Interface Overview (continued)

## Viewing Details of a Selected Document Window





1. View the document in the translated English text, the original Chinese text, or both.
2. Click on the image or the left and right arrows to navigate through the images of the original Chinese document.
3. Options to print out the document, view full images, email the document, or download the document into XML file.



The United States Patent and Trademark Office  
an agency of the Department of Commerce

Global Patent Search Network

GPSN » Patent CN102746440A
3

Print 
Full Images 
Email 
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### Process for the preparation of porous particles, is applied to the enhanced compared with the turbid agent

Translated English
Chinese
Both

Application Number: 201210276627.0

Patent ID: CN102746440A


Date Applied: Aug 6, 2012

Date Published: Oct 24, 2012

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(12) 发明专利申请



(10) 申请公布号 CN 102746440 A  
(21) 申请公布日 2012.10.24

(11) 申请号 2012.10276627.0  
(22) 申请日 2012.08.06  
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(普通合伙) 51020  
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B27 02/00(2006.01)

权利要求书 说明书 附图 摘要

一种用于增强比较试验的聚苯乙烯微球的制备工艺

本发明涉及一种用于增强比较试验的聚苯乙烯微球的制备工艺。该制备工艺包括将含有有机溶剂和无机盐的溶液与含有有机溶剂和无机盐的溶液混合，然后加入有机溶剂和无机盐，反应生成聚苯乙烯微球。该制备工艺包括将含有有机溶剂和无机盐的溶液与含有有机溶剂和无机盐的溶液混合，然后加入有机溶剂和无机盐，反应生成聚苯乙烯微球。




IMAGE 1 OF 14



# User Interface Overview (continued)

## Query History List Window

uspto.gov Global Patent Search Network  
The United States Patent and Trademark Office  
an agency of the Department of Commerce

Global Patent Search Network » Query History Print

### Query History

Clear History

REF	HITS	SEARCH QUERY	TIMESTAMP
S1	2,315	<b>monomers AND porous NOT polymer</b> <a href="http://gpsn-test.uspto.gov/#/search/q=monomers%20AND%20porous%20NOT%20polymer&amp;sort=score%20desc">http://gpsn-test.uspto.gov/#/search/q=monomers%20AND%20porous%20NOT%20polymer&amp;sort=score%20desc</a>	Mon Sep 23 08:31:28 EDT 2013
S2	111,066	<b>monomers OR porous NOT polymer</b> <a href="http://gpsn-test.uspto.gov/#/search/q=monomers%20OR%20porous%20NOT%20polymer&amp;sort=score%20desc">http://gpsn-test.uspto.gov/#/search/q=monomers%20OR%20porous%20NOT%20polymer&amp;sort=score%20desc</a>	Mon Sep 23 08:31:39 EDT 2013
S3	204,267	<b>monomers OR (porous NOT polymer)</b> <a href="http://gpsn-test.uspto.gov/#/search/q=monomers%20OR%20(porous%20NOT%20polymer)&amp;sort=score%20desc">http://gpsn-test.uspto.gov/#/search/q=monomers%20OR%20(porous%20NOT%20polymer)&amp;sort=score%20desc</a>	Mon Sep 23 08:31:52 EDT 2013
S4	111,066	<b>(monomers OR porous) NOT polymer</b> <a href="http://gpsn-test.uspto.gov/#/search/q=(monomers%20OR%20porous)%20NOT%20polymer&amp;sort=score%20desc">http://gpsn-test.uspto.gov/#/search/q=(monomers%20OR%20porous)%20NOT%20polymer&amp;sort=score%20desc</a>	Mon Sep 23 08:32:30 EDT 2013

1. Print query history to selected printer or PDF.
2. Clear all search history.