PatentsView Product Launches

2017 USPTO PatentsView Workshop
Engaging User Communities
Overview

• Data Updates: New Fields
• Data Visualization & Export
• Government Interest
• PatentsView Community Webpage
Data Updates:

NEW FIELDS TO API & DATA QUERY
New Front of Patent Fields

- Summary Text
- Detailed Description Text
- Drawing Description Text
- Number of Drawings & Figures
- Non-Inventor Applicant
- Foreign Priority
- PCT
- Related Documents
- Examiner (raw) Name
Data Visualization & Export:

EXPORTABLE GRAPHS, MAPS, NETWORKS & MORE
The PatentsView search tool allows audiences to interact with nearly 40 years of data on patenting activity in the US. Use the tool to explore technological, regional, and individual-level trends through several search filters and multiple view options.

VIEW RESULTS BY: Patent, Inventor, Assignee, Class

Patent: title or number
Inventor: first and/or last name
Assignee: name
USPC Patent Class: name or number
At-Issue Location: country, state, city
Grant Date (1976–2014): yyyy, mm/yyyy, or range

View as a List, View as a Map
We found **215 patents** matching your search criteria.

Additional results include **373 inventors**, **78 assignees** and **66 CPC classes**.

<table>
<thead>
<tr>
<th>Patent Title</th>
<th>Citations</th>
<th>Filed Date</th>
<th>Grant Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navigational control system for an autonomous vehicle</td>
<td>345</td>
<td>19 May 1990</td>
<td>5 May 1992</td>
</tr>
<tr>
<td>Autonomous vehicle arrangement and method for controlling an autonomous vehicle</td>
<td>333</td>
<td>3 Nov 1998</td>
<td>21 Nov 2000</td>
</tr>
<tr>
<td>Multi-purpose autonomous vehicle with path plotting</td>
<td>240</td>
<td>7 Aug 1991</td>
<td>8 Dec 1992</td>
</tr>
<tr>
<td>Autonomous vehicle for working on a surface and method of controlling same</td>
<td>182</td>
<td>7 Feb 1989</td>
<td>9 Oct 1990</td>
</tr>
</tbody>
</table>
Navigational control system for an autonomous vehicle

INVENTORS
1. Hobart R. Everett, Jr.
   San Diego, CA, US
2. Gary A. Gilbreath
   San Diego, CA, US
3. Robin T. Laird
   San Diego, CA, US

ASSIGNEES AT-ISSUE
1. The United States of America as represented by the Secretary of the...
   Washington, DC, US

WHERE THIS PATENT HAS BEEN CITED
- Inventors on This Patent
- Inventors on Citing Patents
Government Interest:

NEW LIST SEARCH FEATURES
What is Government Interest?

Data are extracted from the government interest statement on a patent. Government organization name and contract or grant number are then parsed and structured using the Stanford-maintained Named Entity Recognition library and information retrieval techniques. The government organization name is mapped to the current hierarchy of the U.S. federal government organizations. More information is available [here].
The <ORGANIZATION>United States Government</ORGANIZATION> has rights in this invention under Contract No. DE-AC36-08GO28308 between the <ORGANIZATION>United States Department of Energy</ORGANIZATION> and the <ORGANIZATION>Alliance for Sustainable Energy</ORGANIZATION>, <ORGANIZATION>LLC</ORGANIZATION>, the Manager and Operator of the <ORGANIZATION>National Renewable Energy Laboratory</ORGANIZATION>. 
Use the search options to explore over 5 million U.S. patents around the world.
We found **2,041 patents** matching your search criteria.

Additional results include **3,026 inventors**, **438 assignees** and **93 CPC classes**.

<table>
<thead>
<tr>
<th>PATENT TITLE</th>
<th>CITATIONS</th>
<th>FILED DATE</th>
<th>GRANT DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>hyperthermia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>skin tissue</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Method and apparatus for the endoscopic treatment of deep tumors using RF hyperthermia

An attachment for an endoscope for the treatment of deep tissue tumors using RF hyperthermia is disclosed. In one embodiment, electrodes are adopted to straddle or penetrate a tumor in order to confine the interstitial current heating and are detachably fitted to the distal end of the endoscope. The electrodes are electrically coupled to an RF generating power source by means of wires that extend... more

Go to Google Patents

PATENT INFORMATION

PROCESSING TIME
This Patent: 608 days CPC Filing Year Avg: 694 days

FILED
Aug 31, 1988

GRANTED
May 1, 1990

PUBLICATION NUMBER
US4920978

PUBLICATION DATA

PATENT TYPE
Utility

CLASS TYPE

CPC: A61N - Electrotherapy, magnetotherapy; radiation therapy; ultrasound therapy
A61B - Diagnostic; surgery; identification
NBER: 32 - Surgery & Med Inst
USPC: 607 - Surgery, light, thermal, and electrical application

INVENTORS

1. David P. Colvin
Amps, NC, US

ASSIGNEES AT ISSUE

1. Triangle Research and Development Corporation
Raleigh, NC, US

GOVERNMENT ORGANIZATION(S)

ID  NAME
87  Small Business Innovation Research (SBIR)
119  National Cancer Institute (NC)

GOVERNMENT INTEREST STATEMENT

This invention was made with partial Government support under SBIR contract No. N99-CM-6765-1 awarded by the Division of Health and Human Services/National Cancer Institute. The Government may have certain rights in this invention.
GOVERNMENT ORGANIZATION(S)

<table>
<thead>
<tr>
<th>ID</th>
<th>NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>87</td>
<td>Small Business Innovation Research (SBIR)</td>
</tr>
<tr>
<td>119</td>
<td>National Cancer Institute (NCI)</td>
</tr>
</tbody>
</table>

GOVERNMENT INTEREST STATEMENT

This invention was made with partial Government support under SBIR contract No. N93-CM-67951 awarded by the Division of Health and Human Services/National Cancer Institute. The Government may have certain rights in this invention.
PatentsView Community Webpage: LEARN, CONTRIBUTE, ENGAGE
Community Site

• **Purpose**
  – The PatentsView community site provides updates on data and tools and links to relevant activities. It is also a curated space for community members to post notes, questions, and provide feedback on PatentsView data products.

• **Sections**
  – Forum
  – Data in Action
  – Events

• **Rules of Conduct**
Forum

- General discussion
- New data fields
- Data quality
- Disambiguation
# Community Discussion

Contribute to the PatentsView community message board with questions and feedback, or share your interest in patents and innovation. We encourage robust and engaged conversations as we build and expand the community.

Please read the rules of conduct below before participating in the conversation.

[Read the Rules of Conduct]

+ Log in to post new content in the forum.

## GENERAL DISCUSSION

<table>
<thead>
<tr>
<th>GENERAL DISCUSSION TOPICS</th>
<th>REPLIES</th>
<th>LAST REPLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>General FAQs</td>
<td>0</td>
<td>n/a</td>
</tr>
<tr>
<td>By admin 3 days 2 hours ago</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## NEW DATA FIELDS

<table>
<thead>
<tr>
<th>NEW DATA FIELDS TOPICS</th>
<th>REPLIES</th>
<th>LAST REPLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>New data fields FAQs</td>
<td>0</td>
<td>n/a</td>
</tr>
<tr>
<td>By admin 3 days ago</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Data in Action

Data Spotlight

There are many ways PatentsView data can be used and visualized. Data in Action is a place for PatentsView data users to share how they are applying patent data and gather feedback from the user community.

We encourage you to submit any examples of the PatentsView data that you have seen or created yourself to be highlighted here.

Submit a post

Social Network Analysis using PatentsView and NetworkX

Wednesday, October 4, 2017 - 21:13

The USPTO’s Office of Chief Economist developed the InventorAnalyze package for bibliometric (and other) researchers studying the social networks of inventors, i.e., the community of inventors who collaborate on jointly invented patents. The InventorAnalyze package combines disambiguated patent data from the United States Patent and Trademark Office’s PatentsView project with social network analysis tools from the Los Alamos National Laboratory’s NetworkX library. PatentsView uses a statistical algorithm for disambiguating patent inventor names, so that multiple variants of a name are assigned a common identifier and distinct inventors having a similar name are assigned separate identifiers. Such entity resolution is critical to identifying inventors and their
www.PatentsView.org

THANK YOU
PatentsView
2017 WORKSHOP

Engaging User Communities

AIR
PERISCOPE
DO GOOD WITH DATA
Berkeley
UNIVERSITY OF CALIFORNIA
NYU
USPTO
UNITED STATES
PATENT AND TRADEMARK OFFICE