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- PatBase Thesaurus
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- Search in the same publication
- Non-patent literature searching
- View forward and backward citations
- Legal Status



Searching in PatBase Express

Basic Search - Worldwide [» Change](#)

Keywords

Examples:
laser disk blue layer
wingless aircraft
golf ball dimple

Names

Examples:
motorola
general motors
alexander bell

Publication date

All Last 12 months

Countries

All US only WO only

Search

Clear

Advanced Search - Worldwide [» Change](#)

Claims, title & abstra

3d printing

Search within the same publication [i](#)

Assignee

Siemens

Inventor

Publication number

Publication date

from


to

equals

Publication type





Any publication

Viewing Results in PatBase Express



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US4071207A PatBase number: 30889029

Biblio

Claims & Descriptions

Status

Citations

Similar

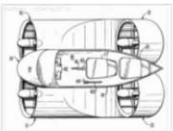


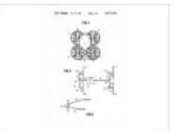
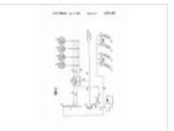
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Title: Vertical take-off **aircraft**



Abstract: Source: US4071207A A **wingless** vertical take-off **aircraft** having multiple ducted propeller rotors with controllable pitch blades symmetrically mounted in the forward and the rear portions and on both sides of the **aircraft** with the ducts angled downwardly at an acute angle to the **aircraft** longitudinal axis, transversely extending deflector vanes pivotable vertically within the exit portion of the ducts, and a rudder for yaw control mounted in the exit portion of each rearwardly located duct. Control in altitude and in attitude about the pitch and roll axes is achieved by controlling the collective pitch of the propellers in selected ducts with the roll control being interconnected to the yaw control to counteract roll/yaw coupling effects and control in trim and forward flight thrust being provided by setting the position of the deflector vane to divert the air flow from the ducts in variable directions with respect to the **aircraft** axis and the vertical.


Owner(s) / Assignee(s): PIASECKI AIRCRAFT CORP


Inventor(s): PIASECKI FRANK N; MEYERS DONALD N

Published in: (family) 

Country	Publication number	Publication date	Application number	Application date	Description
▶ U.S.A.	  US4071207 A	Jan 31, 1978	US19750611739	Sep 9, 1975	U.S. patent

Priority:  US19750611739 19750909


Classifications:  **International (IPC)** B60V1/00 B64C29/00 (Advanced/Invention); B60V1/00 B64C29/00 (Core/Invention)




Cooperative (CPC) B64C29/0025

European (ECLA) B60V1/00 B64C29/00B2B

US (UPC) 180/118 180/120 244/12.5 244/221 244/23D

Cited documents: US3486577 A, US3008524 A, US2940698 A, US2929580 A,

Agent(s): 

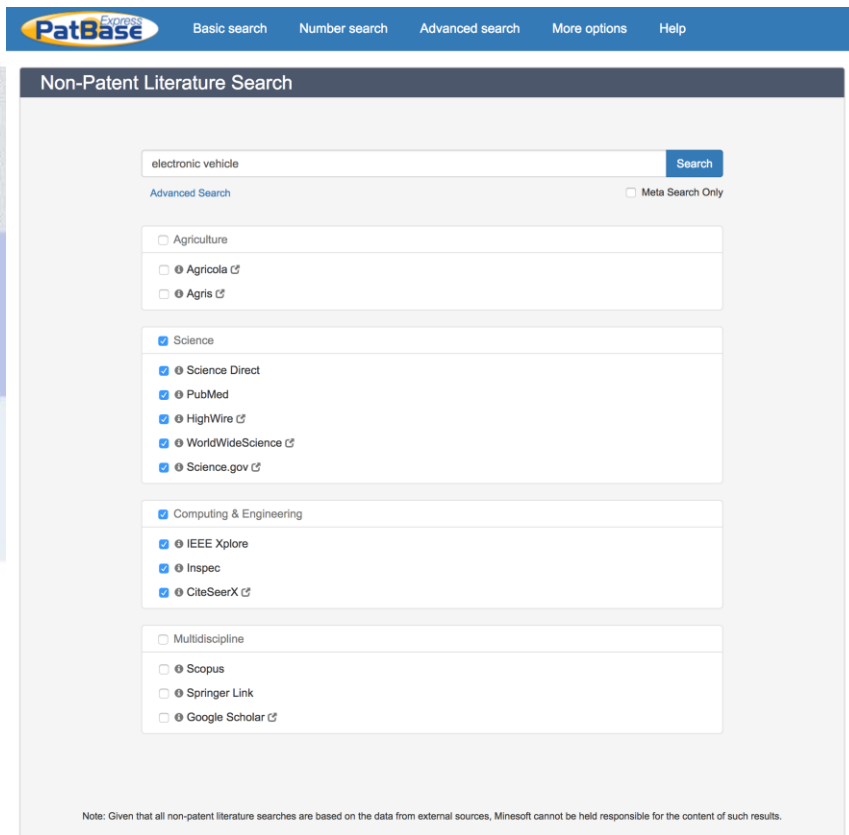
Non-Patent Literature Searching in PatBase Express

“PatBase Express offers a simple and intuitive way of investigating patents and is based on the same underlying PatBase data”

- Non-patent literature sources added
- Search NPL sources at the same time as your patent search
- Individual search form for different sources
- Includes Pubchem, Scopus, IEEE, Inspec and more
- 13 different sources



Non-Patent Literature Searching in PatBase Express



The screenshot shows the PatBase Express search interface for non-patent literature. The search term "electronic vehicle" is entered in the search box. The interface includes a navigation bar with "Basic search", "Number search", "Advanced search", "More options", and "Help". Below the search box, there are options for "Advanced Search" and "Meta Search Only". A list of filters is provided, including "Agriculture", "Science", "Computing & Engineering", and "Multidiscipline". The "Science" filter is selected, and sub-filters like "Science Direct", "PubMed", "HighWire", "WorldWideScience", and "Science.gov" are also selected. A note at the bottom states: "Note: Given that all non-patent literature searches are based on the data from external sources, Minesoft cannot be held responsible for the content of such results."



The screenshot shows the search results for "electronic vehicle" in PatBase Express. The results are displayed in a table with columns for the source and the number of results. The sources and their respective result counts are: Science Direct (84,205), PubMed (8,013), IEEE Xplore (241,448), Inspec (130), and External Results (2). Below the table, there are six search results listed, each with a title, source, and a brief description. The results are: 1) Methods of Examining Vehicle Electronic Systems in the Course of Automotive Forensic Expert Examinations (Science Direct); 2) Shockwave detection for electronic vehicle detectors (Inspec); 3) Effects of Paeonia emodi on hepatic cytochrome P450 (CYP3A2 and CYP2C11) expression and pharmacokinetics of carbamazepine in rats. (PubMed); 4) Study and development of the VDC algorithm for independent AWD autonomous vehicle (Inspec); 5) Wireless Charging of a Metal-Body Device (IEEE Xplore); 6) Carbon monoxide-related fatalities: A 60-year single institution experience. (PubMed); 7) Abstracts (IEEE Xplore); 8) Waste Electrical and Electronic Equipments versus End of Life Vehicles: A State of the Art.

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