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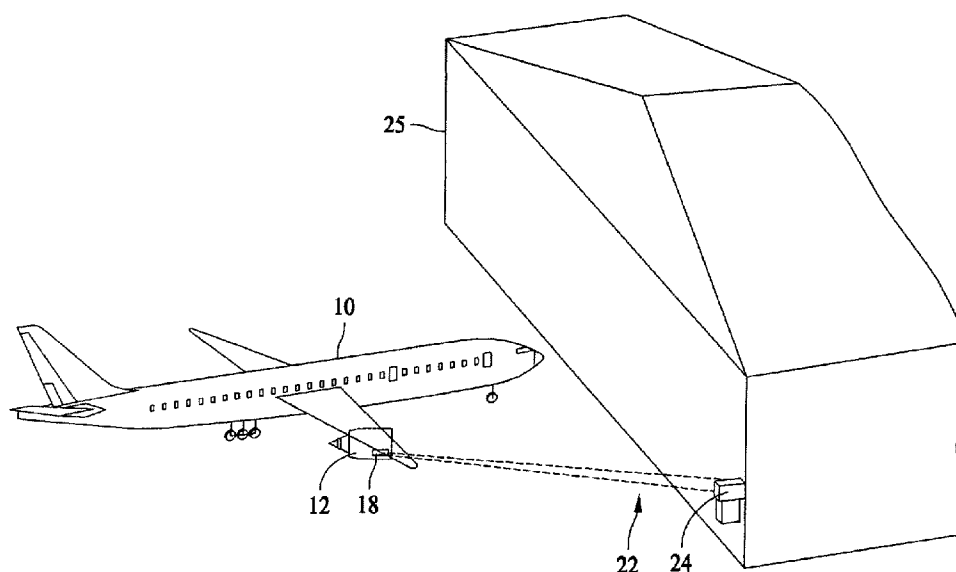
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(54) Title: SYSTEM AND METHODS FOR TRACKING AIRCRAFT COMPONENTS



(57) Abstract: An aircraft component identification and maintenance tracking system is disclosed. The system includes a plurality of aircraft components (12), a plurality of radio frequency identification (RFID) tags (18), and a transceiver (24) operatively configured to transmit an activation signal (22) to each of the RFID tags (18). Each of the RFID tags (18) is associated with a respective one of the aircraft components (12) and comprises identification and maintenance data information specific to the aircraft component to which it is associated. The transceiver is configured to receive information transmitted by each of the RFID tags (18) which are configured to transmit identification and maintenance data information that is representative of a maintenance history for the aircraft component to which the RFID tag is associated.



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# INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MÜHLENBRUCH H ET AL: "DATA ACQUISITION DURING THE ENTIRE PRODUCT LIFE CYCLE AS A BASIS FOR THE MAINTENANCE, DISMANTLING AND PRODUCT RECYCLING PROCESSES" PROCEEDINGS OF THE INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION - IMECE - ASME, XX, XX, no. IMECE2004-61528, 19 November 2004 (2004-11-19), pages 1-7, XP002322225 abstract figures 1,6,7 Sections "Introduction", "Passive Information Storage" ----- -/-	1-47



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 2004/013785 A (SAP AG [DE]) 12 February 2004 (2004-02-12)</p> <p>abstract page 9, paragraph 1 - page 10, paragraph 2 page 11, paragraph 4 - page 12, paragraph 3 page 15, paragraph 2 page 16, paragraph 5 page 17, paragraph 2-4</p>	<p>1-15, 18-24, 26, 28-35, 38-47</p>
X	<p>NN: "RFID: The Future of MRO Supply Chain Management"[Online] 1 September 2004 (2004-09-01), pages 1-5, XP002479111 Retrieved from the Internet: URL: <a href="http://www.aviationtoday.com/am/categories/maintenance/476.html">http://www.aviationtoday.com/am/categories/maintenance/476.html</a>&gt; [retrieved on 2008-05-02] the whole document</p>	<p>1-15, 22-24, 28-35, 40-47</p>
A	<p>US 2005/044180 A1 (LAMERS JORG [DE] ET AL) 24 February 2005 (2005-02-24) abstract paragraph [0050]</p>	<p>25</p>

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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WO 2004013785 A	12-02-2004	AU 2003260831 A1 CA 2494784 A1 EP 1535224 A2	23-02-2004 12-02-2004 01-06-2005
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