

INTERNATIONAL SEARCH REPORT

International application No
PCT/FR2018/052114

A. CLASSIFICATION OF SUBJECT MATTER
 INV. F01D5/14 F01D9/04 F04D29/54 F04D29/66
 ADD.
 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)
 F01D F04D

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 practicable, search terms used)
 EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 554 564 B1 (LORD WESLEY K [US]) 29 April 2003 (2003-04-29) cited in the application column 1, lines 12-20 column 1, line 46 - column 2, line 2 column 2, lines 43-57 column 3, line 55 - column 4, line 10 column 4, lines 38-60 column 5, lines 19-43 claim 1 figures 1-3,8c	1-10
X	US 6 195 983 B1 (WADIA ASPI R [US] ET AL) 6 March 2001 (2001-03-06)	1-7,9,10
A	column 4, lines 32-43 column 4, line 61 - column 5, line 8 figures 2A,2C,7	8
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 8 November 2018	Date of mailing of the international search report 15/11/2018
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Gombert, Ralf
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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.
A	EP 1 333 181 A1 (ISHIKAWAJIMA HARIMA HEAVY IND [JP]) 6 August 2003 (2003-08-06) paragraphs [0002] - [0004], [0030], [0035], [0036] figures 2A, 2B -----	1-10
A	EP 1 921 007 A2 (ROLLS ROYCE PLC [GB]) 14 May 2008 (2008-05-14) paragraphs [0032], [0035], [0036] figures 2, 3A -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/FR2018/052114

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6554564	B1	29-04-2003	NONE

US 6195983	B1	06-03-2001	NONE

EP 1333181	A1	06-08-2003	CA 2407702 A1 24-11-2002
			EP 1333181 A1 06-08-2003
			JP 2002349498 A 04-12-2002
			US 2003215325 A1 20-11-2003
			WO 02103206 A1 27-12-2002

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			US 2008135679 A1 12-06-2008
