

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 283298A-2	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2016/070635	International filing date (<i>day/month/year</i>) 1 September 2016 (01-09-2016)	(Earliest) Priority Date (<i>day/month/year</i>) 4 September 2015 (04-09-2015)
Applicant GE JENBACHER GMBH & CO. OG		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed
 a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6**bis**(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant
 the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1
 as suggested by the applicant
 as selected by this Authority, because the applicant failed to suggest a figure
 as selected by this Authority, because this figure better characterizes the invention
- b. none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2016/070635

A. CLASSIFICATION OF SUBJECT MATTER
 INV. F02D41/02 F02D41/04 F02B37/10 F02B39/10 F02D41/00
 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)
 F02D F02B

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	WO 2005/093235 A1 (DAIMLER CHRYSLER AG [DE]; KEPPELER BERTHOLD [DE]; NOLTE ARNO [DE]) 6 October 2005 (2005-10-06) figure 1 pages 3-6	1-6
X	DE 101 39 526 A1 (DAIMLER CHRYSLER AG [DE]) 20 February 2003 (2003-02-20) figures 1,2 paragraphs [0023] - [0043]	1-8
X	DE 10 2010 011026 A1 (BAYERISCHE MOTOREN WERKE AG [DE]) 15 September 2011 (2011-09-15) paragraphs [0016] - [0031] figure 1	1,2,4
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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 21 November 2016	Date of mailing of the international search report 25/11/2016
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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 Röttger, Klaus
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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2016/070635

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/022289 A1 (HOFBAUER PETER [US]) 27 January 2011 (2011-01-27) figure 1	1,2,4
X	----- WO 2011/023848 A1 (WAERTSILAE FINLAND OY [FI]; LEVANDER OSKAR [FI]; HAEGGMAN STEN-ERIK [F]) 3 March 2011 (2011-03-03) figure 1 page 5, line 3 - page 6, line 28 -----	1,2,4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2016/070635

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005093235	A1	06-10-2005	DE 102004013232 A1
			JP 2007529670 A
			US 2007062189 A1
			WO 2005093235 A1

DE 10139526	A1	20-02-2003	NONE

DE 102010011026	A1	15-09-2011	NONE

US 2011022289	A1	27-01-2011	NONE

WO 2011023848	A1	03-03-2011	CN 102482988 A
			DK 2470762 T3
			EP 2470762 A1
			FI 20095891 A
			JP 5801808 B2
			JP 2013503290 A
			KR 20120067338 A
			WO 2011023848 A1
