

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/068769

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G01L 19/06</i> (2006.01)i; <i>G01L 23/24</i> (2006.01)i; <i>G01L 19/00</i> (2006.01)i; <i>G01K 1/08</i> (2006.01)i; <i>G01K 1/16</i> (2006.01)i		
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) G01L; F02D; G01K		
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 Y	US 2011138921 A1 (COLOMBO PAOLO [IT] ET AL) 16 June 2011 (2011-06-16) paragraphs [0032], [0033], [0034], [0036], [0054] figures 1,2,5	1-7,9,10 8
Y	DE 202013103733 U1 (TEMPERATURMESTECHNIK GERABERG GMBH [DE]) 08 October 2013 (2013-10-08) figures 1,2 paragraphs [0001], [0014], [0021], [0031]	8
Y	DE 102014118415 A1 (PORSCHE AG [DE]) 16 June 2016 (2016-06-16) paragraph [0001] figures 6,7	8
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "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 "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 "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 "&" document member of the same patent family		
Date of the actual completion of the international search 08 October 2018		Date of mailing of the international search report 15 October 2018
Name and mailing address of the ISA/EP European Patent Office p.b. 5818, Patentlaan 2, 2280 HV Rijswijk Netherlands Telephone No. (+31-70)340-2040 Facsimile No. (+31-70)340-3016		Authorized officer Kaiser, Jean-Luc Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
US	2011138921	A1	16 June 2011	BR	PI0914258	A2	03 November 2015
				CN	102124312	A	13 July 2011
				EP	2288892	A1	02 March 2011
				US	2011138921	A1	16 June 2011
				WO	2009153741	A1	23 December 2009

DE	202013103733	U1	08 October 2013	NONE			

DE	102014118415	A1	16 June 2016	BR	102015030832	A2	14 June 2016
				CN	105697111	A	22 June 2016
				DE	102014118415	A1	16 June 2016
				RU	2015151743	A	08 June 2017
