

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/077711

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G01C 21/34</i> (2006.01); <i>G05D 1/02</i> (2020.01); <i>B60W 50/00</i> (2006.01);		
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) G01C; G05D; B60W		
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	DE 102015220360 A1 (BOSCH GMBH ROBERT [DE]) 20 April 2017 (2017-04-20) paragraphs [0013] - [0016], [0021], [0053]	1-8
X	DE 102015220449 A1 (BOSCH GMBH ROBERT [DE]) 20 April 2017 (2017-04-20) paragraphs [0031] - [0034], [0041]	1-8
A	US 2006031004 A1 (LUNDBERG KRISTIAN [SE]) 09 February 2006 (2006-02-09) paragraphs [0040], [0045]	1-8
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <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>		
Date of the actual completion of the international search 31 January 2020		Date of mailing of the international search report 12 February 2020
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 Stolle, Martin Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
DE	102015220360	A1	20 April 2017	CN	107010053	A	04 August 2017
				DE	102015220360	A1	20 April 2017
				GB	2545056	A	07 June 2017
				JP	2017102907	A	08 June 2017
				US	2017108865	A1	20 April 2017

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				GB	2545066	A	07 June 2017
				JP	2017079067	A	27 April 2017
				US	2017108869	A1	20 April 2017

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				ES	2514441	T3	28 October 2014
				US	2006031004	A1	09 February 2006
