

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/072867

**A. CLASSIFICATION OF SUBJECT MATTER****B60D 1/36**(2006.01)i; **B60D 1/62**(2006.01)i; **G01B 11/27**(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)

B60D; G01B

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 2015345939 A1 (SALTER STUART C [US] ET AL) 03 December 2015 (2015-12-03) paragraphs [0026], [0027], [0028], [0037], [0039], [0040], [0042] - [0046] figures 1,3,çA,4B,4C,5,6A,7,8	1-14
X	WO 2009006529 A1 (RAMSEY J EDWARD [US]; BETTS JOHN S [US]; LARK JAMES D [US]; MOUNT BRIA) 08 January 2009 (2009-01-08) page 2, line 22 - line 30 page 5, line 7 - line 26 claims 1,8,11,12 figures 1,6b	1-14
X	WO 2016065017 A1 (CARRIER CORP [US]) 28 April 2016 (2016-04-28) paragraphs [0013], [0015] figures 1,2,3	1-14

 Further documents are listed in the continuation of Box C. 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

30 November 2018

Date of mailing of the international search report

10 December 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

Schmidt, Rémi

Telephone No.

**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.

**PCT/EP2018/072867**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
US	2015345939	A1	03 December 2015	NONE			
WO	2009006529	A1	08 January 2009	CA	2692277	A1	08 January 2009
				US	2010324770	A1	23 December 2010
				WO	2009006529	A1	08 January 2009
WO	2016065017	A1	28 April 2016	EP	3209509	A1	30 August 2017
				US	2017313141	A1	02 November 2017
				WO	2016065017	A1	28 April 2016