

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/070408

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> <i>G08G 1/0967</i> (2006.01)i; <i>G08G 1/16</i> (2006.01)i  According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) G08G; H04W  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		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2017124876 A1 (ROGERS SHARON D [US]) 04 May 2017 (2017-05-04) abstract figures 2-4 paragraphs [0001] - [0005], [0023] - [0035]	1,5,10
X	EP 1738339 A1 (DANA CORP [US]) 03 January 2007 (2007-01-03) abstract figure 5 figure 21 paragraph [0005] paragraph [0012] paragraph [0048] - paragraph [0130]	1-5
X	US 2010194558 A1 (TOH CHAI KEONG [US]) 05 August 2010 (2010-08-05) abstract figures 1-6 paragraphs [0002], [0025] - [0026], [0030] - [0074]	1,2,5-10
<input checked="" 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 <b>16 November 2018</b>		Date of mailing of the international search report <b>26 November 2018</b>
Name and mailing address of the ISA/EP <b>European Patent Office p.b. 5818, Patentlaan 2, 2280 HV Rijswijk Netherlands</b> Telephone No. (+31-70)340-2040 Facsimile No. (+31-70)340-3016		Authorized officer <b>Mouanda, Thierry</b>  Telephone No.

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1049065 A1 (RENAULT [FR]) 02 November 2000 (2000-11-02) abstract figures 1-7 paragraphs [0001], [0008], [0023] - [0030], [0034], [0035], [0061] - [0069], [0073] - [0076], [0085] - [0086], [0089] - [0095], [0102], [0108]	1-4
X	ES 2366513 A1 (INTA INST NAC DE TECNICA AEROESPACIAL [ES]) 21 October 2011 (2011-10-21)	1,5-10
A	abstract figures 1-4 page 1 - page 19	2-4

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

International application No.

**PCT/EP2018/070408**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
US	2017124876	A1	04 May 2017	NONE	
EP	1738339	A1	03 January 2007	EP 1738339 A1	03 January 2007
				US 2005221759 A1	06 October 2005
				WO 2005098781 A1	20 October 2005
US	2010194558	A1	05 August 2010	JP 5484076 B2	07 May 2014
				JP 2010191947 A	02 September 2010
				US 2010194558 A1	05 August 2010
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ES	2366513	A1	21 October 2011	NONE	