

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/025154

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> <i>F16D 1/08</i> (2006.01)i; <i>F16D 1/096</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) F16D  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.
Y	DE 202013105568 U1 (SICK STEGMANN GMBH [DE]) 10 March 2015 (2015-03-10) paragraph [0033] - paragraph [0041]; figures 1-3,6	1-21
Y	DE 102013217560 A1 (TRANSMISSION COMPONENTS PTY LTD [ZA]) 06 March 2014 (2014-03-06) paragraph [0050] - paragraph [0053]; figures 2,3,10,11	1-21
A	DE 20009845 U1 (MOSELLANS DE CONSTRUCTION DE R [FR]) 05 October 2000 (2000-10-05) page 4, line 10 - page 5, line 3; figure 6	1
A	US 2006291764 A1 (RAVINDRA SUMA [IN] ET AL) 28 December 2006 (2006-12-28) paragraph [0014] - paragraph [0020]; figures 1,2	1
A	CN 204921723 U (NIDEC SHIMPO ZHE JIANG CORP; NIDEC SHIMPO CORP) 30 December 2015 (2015-12-30) See Translation passages corresponding to figures; figures 3,6-8	1
A	DE 102013100129 A1 (WITTENSTEIN AG [DE]) 10 July 2014 (2014-07-10) paragraph [0019] - paragraph [0020]; figure 3	15
<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 <b>06 September 2018</b>		Date of mailing of the international search report <b>21 September 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>Marsano, Flavio</b>  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	202013105568	U1	10 March 2015	NONE	
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				DE 102013217560 A1	06 March 2014
				US 2014064834 A1	06 March 2014
				ZA 201306607 B	28 May 2014
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US	2006291764	A1	28 December 2006	US 2006291764 A1	28 December 2006
				US 2007292067 A1	20 December 2007
				WO 2007002515 A1	04 January 2007
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DE	102013100129	A1	10 July 2014	NONE	