

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/085793

A. CLASSIFICATION OF SUBJECT MATTER		
<i>H02K 5/20</i> (2006.01)i; <i>H02K 9/19</i> (2006.01)i; <i>H02K 11/33</i> (2016.01)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) H02K		
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	EP 3203614 A1 (NISSAN MOTOR [JP]) 09 August 2017 (2017-08-09) figure 4 paragraph [0041]	1,2,6,7
X	DE 102015214770 A1 (ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]) 09 February 2017 (2017-02-09) figure 7 paragraphs [0051], [0052]	1,2,6,7
X	WO 2017211360 A1 (PULS RAINER [DE]; PULS OLIVER [DE]) 14 December 2017 (2017-12-14) figure 5	1,2
X	KR 20150062529 A (LG ELECTRONICS INC [KR]) 08 June 2015 (2015-06-08) figure 4	1,2,6,7
X	US 2018026493 A1 (JUNG SEUNGMO [KR] ET AL) 25 January 2018 (2018-01-25) figures 5-8	1,2,6,7
X	FR 3052305 A1 (MOTEURS LEROY-SOMER [FR]) 08 December 2017 (2017-12-08) figure 1	1,2,6,7
<input checked="" 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 06 March 2020		Date of mailing of the international search report 17 March 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 Le Chenadec, Hervé Telephone No.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	DE 102013021745 A1 (SEW EURODRIVE GMBH & CO [DE]) 25 June 2015 (2015-06-25) figure 1 paragraphs [0022], [0060]	1,2,4-7
X	US 6198183 B1 (BAEUMEL HERMANN [DE] ET AL) 06 March 2001 (2001-03-06) figures 1,2	1,2,6,7
X	US 3009072 A (RICHARD MOSSAY PHILIP) 14 November 1961 (1961-11-14) figures 9-12	1,2,8-10
X	US 2016294231 A1 (ANDRES MICHAEL J [US] ET AL) 06 October 2016 (2016-10-06) figure 1B paragraph [0021]	1,2,8-10
A	DE 102009050090 A1 (SEW EURODRIVE GMBH & CO [DE]) 21 April 2011 (2011-04-21) figure 1 paragraph [0025]	4,5
A	US 7728467 B2 (AISIN AW CO [JP]; NAKAMURA SEISAKUSHO KK [JP]) 01 June 2010 (2010-06-01) figures 2,3	4,5

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Information on patent family members

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