

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/080664

A. CLASSIFICATION OF SUBJECT MATTER**B60T 17/22**(2006.01)i; **B60T 13/74**(2006.01)i; **B60T 13/66**(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)

B60T

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.
A	WO 0209989 A1 (CONTINENTAL TEVES AG & CO OHG [DE]; LOHBERG PETER [DE] ET AL.) 07 February 2002 (2002-02-07) page 1 - page 19; figures 1-5	1,3-5,7
A	DE 102011086756 A1 (CONTINENTAL TEVES AG & CO OHG [DE]) 24 May 2012 (2012-05-24) paragraph [0001] - paragraph [0080]; figure 1	1,3,7
A	KR 20140031525 A (MANDO CORP [KR]) 13 March 2014 (2014-03-13) page 1 - page 7; figures 1-5	1,7,9

 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

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“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

13 February 2020

Date of mailing of the international search report

24 February 2020

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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)
WO	0209989	A1	07 February 2002	EP	1307367	A1	07 May 2003
				JP	2004504986	A	19 February 2004
				US	2003183024	A1	02 October 2003
				US	2005162159	A1	28 July 2005
				WO	0209989	A1	07 February 2002
DE	102011086756	A1	24 May 2012	CN	103370237	A	23 October 2013
				DE	102011086756	A1	24 May 2012
				EP	2643194	A2	02 October 2013
				US	2013241563	A1	19 September 2013
				WO	2012069461	A2	31 May 2012
KR	20140031525	A	13 March 2014	NONE			