

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2016/063734

A. CLASSIFICATION OF SUBJECT MATTER
INV. B62D25/20 B62D21/15
ADD.
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)
B62D

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/045034 A1 (KIM KI-CHANG [KR]) 1 March 2007 (2007-03-01) figures paragraph [0002] - paragraph [0020] -----	1-3,5-10
A	JP 2007 153012 A (MAZDA MOTOR) 21 June 2007 (2007-06-21) abstract; figures -----	1-3,5,6, 8-10
A	US 2010/244489 A1 (SHIONO MASAMITSU [JP] ET AL) 30 September 2010 (2010-09-30) figures 1-9 paragraph [0010] - paragraph [0062] ----- -/--	1-3,5,6, 8-10

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	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 July 2016	Date of mailing of the international search report 09/08/2016
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer D'Sylva, Christophe
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 666 501 B1 (LOGAN STEPHEN D [US] ET AL) 23 December 2003 (2003-12-23) cited in the application figures column 1, line 62 - column 6, line 45 -----	1,3,9,10
A	DE 102 54 492 A1 (BAYERISCHE MOTOREN WERKE AG [DE]) 3 June 2004 (2004-06-03) claims; figures -----	1,3,4,9, 10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/EP2016/063734

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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			JP 4738506 B2 03-08-2011
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US 6666501	B1	23-12-2003	NONE
DE 10254492	A1	03-06-2004	NONE