

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2018/068565

A. CLASSIFICATION OF SUBJECT MATTER  
INV. G01R31/36 G01R31/04 G01R31/02  
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)  
G01R

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.
X	US 2016/061909 A1 (IINO JUNICHI [JP] ET AL) 3 March 2016 (2016-03-03)	1,2,4-10
Y	abstract; figures 1-4 paragraphs [0008] - [0015], [0031] - [0047]	3
Y	----- JP 2014 102127 A (DENSO CORP) 5 June 2014 (2014-06-05) abstract; figures 1-8 paragraphs [0081] - [0087], [0104] - [0112]	3
X	----- US 2015/137824 A1 (NISHIHARA YOSHITOMO [JP]) 21 May 2015 (2015-05-21)	1,7-10
A	abstract; figures 1,7-10 paragraphs [0005] - [0008], [0018], [0053] - [0058]	2-6
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Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"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

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Date of the actual completion of the international search  4 October 2018	Date of mailing of the international search report  17/10/2018
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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  Kleiber, Michael
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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	WO 98/48290 A1 (GOTAAS EINAR [NO]) 29 October 1998 (1998-10-29) abstract; figures 1-2 page 2, line 23 - page 3, line 29; claim 1 -----	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/EP2018/068565
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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