

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/085705

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G08G 1/017</i> (2006.01)i; <i>B60W 30/18</i> (2012.01)i; <i>G08G 1/16</i> (2006.01)i; <i>G05D 1/02</i> (2020.01)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) G08G; B60W; G05D		
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 A	DE 102015002405 A1 (AUDI AG) 25 August 2016 (2016-08-25) abstract paragraphs [0006] - [0010], [0012] - [0015], [0018], [0019], [0031] - [0037], [0042], [0043] claims 1-15 figure 1	1-3,6,7,10-12,16 4,5,8,9,13-15
X A	US 2013304279 A1 (MUDALIGE UPALI PRIYANTHA [US] ET AL) 14 November 2013 (2013-11-14) abstract figures 1-4,6-9 paragraphs [0010], [0023], [0024], [0027] - [0031], [0035], [0036] claims 1-5,10-16	1-14,16 15
X A	DE 102016200217 A1 (BOSCH GMBH ROBERT [DE]) 13 July 2017 (2017-07-13) abstract paragraphs [0003], [0007] - [0009], [0024], [0025], [0027], [0031] - [0033], [0036] claims 1-15 figures 3-5	1-3,6,7,10-12,15,16 4,5,8,9,13,14
<input checked="" 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 31 March 2020		Date of mailing of the international search report 08 April 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 Quartier, Frank Telephone No.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ABDELHAMEED MAGDY M ET AL. "Development and evaluation of a multi-agent autonomous vehicles intersection control system" <i>2014 INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY (ICET), IEEE</i> , 19 April 2014 (2014-04-19), pages 1-6 DOI: 10.1109/ICENGTECHNOL.2014.7016754 XP032725758 the whole document	1-3,6,7,10-12,16
X A	US 2014278029 A1 (TONGUZ OZAN [US] ET AL) 18 September 2014 (2014-09-18) abstract figure 1 paragraphs [0002], [0004], [0005], [0019], [0021], [0023], [0025], [0035], [0043], [0047], [0061], [0068] claims 1-20	1-3,6,7,10-12,16 4,5,8,9,13-15
X A	DE 102012021282 A1 (AUDI AG [DE]) 30 April 2014 (2014-04-30) abstract paragraphs [0008], [0009], [0012] - [0016], [0020], [0030], [0031], [0035], [0069] - [0072] claims 1-19 figures 4-6	1-3,6,7,10-12,16 4,5,8,9,13-15
X A	DE 102015219467 A1 (CONTINENTAL TEVES AG & CO OHG [DE]) 14 April 2016 (2016-04-14) abstract paragraphs [0006], [0007], [0014], [0019], [0023] - [0025], [0032], [0046], [0055], [0062], [0075], [0076], [0081], [0083], [0090] - [0092] paragraphs [0098], [0099] claims 1-29 figure 1	1-3,6,7,10-12,16 4,5,8,9,13-15
A	CHEN LEI ET AL. "Cooperative Intersection Management: A Survey" <i>IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, IEEE, PISCATAWAY, NJ, USA</i> , Vol. 17, No. 2, 01 February 2016 (2016-02-01), pages 570-586, [retrieved on 2016-01-29] DOI: 10.1109/TITS.2015.2471812 ISSN: 1524-9050, XP011597405 the whole document	1-16

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Information on patent family members

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				WO	2016055560	A1	14 April 2016