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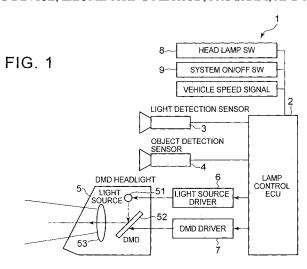
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(57) Abstract: An illuminating device (1) includes: a detecting section (2a) configured to detect a vehicle height of a forward vehicle running in front of a vehicle; and a control section (2c) configured to control an illuminating range of a head lamp of the vehicle according to the vehicle height.



#### INTERNATIONAL SEARCH REPORT

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PCT/IB2014/000713 A. CLASSIFICATION OF SUBJECT MATTER INV. B60Q1/08 B60Q1 B60Q1/14 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) B600 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. Χ DE 10 2009 057032 A1 (BAYERISCHE MOTOREN 1,10-12 WERKE AG [DE]) 9 June 2011 (2011-06-09) claims 1,5,6,13 figures 1,4,6 paragraphs [0006] - [0008], [0015], [0020] - [0021], [0041], [0043], [0064] DE 10 2008 012327 A1 (DENSO CORP [JP]) 1,3-12Χ 4 September 2008 (2008-09-04) Υ 2 abstract figures 1,3,4,6 claims 1,4 paragraphs [0010] - [0015], [0029] -[0039], [0070] - [0075]Х Х Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "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 "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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be special reason (as specified) 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 document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 28 October 2014 07/11/2014 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2

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