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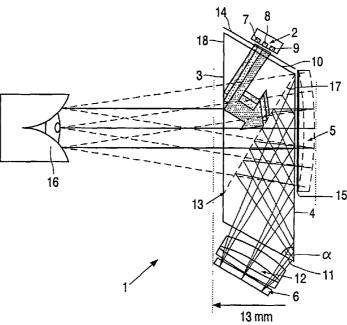
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(54) Title: COMPACT DISPLAY DEVICE



(57) Abstract: The invention relates to a compact display device that can be used in small personal devices, such as head-mounted displays, mobile phones and personal digital assistants (PDA). The display device is provided with a light source and a reflective display for forming an object image, and an optical system for projecting a virtual image of the object image. In order to improve the illumination of the reflective display, the display device is provided with a light-guiding means for substantially perpendicular illumination of the reflective display via total reflection.



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INTERNATIONAL SEARCH REPORT

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PCT/IB 02/01457 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B27/02 G02E G02B27/14 G02B27/01 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) IPC 7 GO2B 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 practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ US 6 222 677 B1 (BUDD RUSSELL A ET AL) 1,2,4-1424 April 2001 (2001-04-24) abstract column 9, line 11 - line 32 column 10, line 51 - line 67 column 11, line 1 - line 7 figures 3B,9-11,14 3 US 6 005 720 A (HEACOCK GREGORY L ET AL) χ 21 December 1999 (1999-12-21) abstract; figures 2 - 14EP 1 089 111 A (OLYMPUS OPTICAL CO) χ 1 4 April 2001 (2001-04-04) abstract; figures 2 - 14Further documents are listed in the continuation of box C. Patent family members are listed in 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 "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date 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 docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled 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

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