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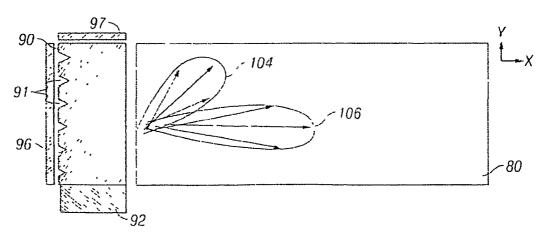
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(54) Title: LIGHT BAR WITH REFLECTOR



(57) Abstract: An illumination apparatus includes a light bar having a first end for receiving light from a light source. The light bar includes material that supports propagation of said light along the length of the light bar Turning microstructure is disposed on a first side of the light bar The turning microstructure is configured to turn at least a substantial portion of light incident on the first side and to direct the portion of the light out a second opposite side of the light bar A substantially reflective surface is disposed with respect to a second end opposite said first end of said light bar to reflect light transmitted through the second end A light guide panel is disposed with respect to said second opposite side of the light bar to receive light turned by said turning microstructure and directed out of the second opposite side of the light bar



#### INTERNATIONAL SEARCH REPORT

International application No PCT/US2007/021459

CLASSIFICATION ,OF SUBJECT MATTER G02B6/00 F21V8/00 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) 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 , 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 US 2002/006036 Al (EGAWA MOTOJI [JP] ET 1-11,13, AL) 17 January 2002 (2002-01-17) 15-17, 19-35, 37, 39 - 41,43-62 Υ paragraphs [0021] - [0050]; figures 1,2 12,14, 18,36, 38,42 χ EP 1 306 609 A (ALPS ELECTRIC CO LTD [JP]) 1-12,17, 2 May 2003 (2003-05-02) 19-36, 41,43-62 paragraphs [0031] - [0039], [0044] -[0048]; figures 1-3,6,7 -/--X See patent family annex Further documents are listed in the continuation of Box C Special categories of cited documents  $^{\dagger}$ T" later document published after the international filing date or p $\pi$ ority date and not in conflict with the application but cited to understand the principle or theory underlying the <sup>1</sup>A" document defining the general state of the art which is not considered to be of particular relevance <sup>1</sup>E<sup>1</sup> earlier document but published on or after the international " $X^1$  document of particular  $rel\theta$ vance, 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 prionty 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 mors other such docu-"O1 document referring to an oral disclosure, use exhibition or other means ments, such combination being obvious to a person skilled <sup>1</sup>P" document published prior to the international filing date but later than the priority date claimad "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25 April 2008 14/05/2008 Authorized officer Name and mailing address of the ISA/ European Patent Office, P B 5818 Patentlaan 2 NIL -2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016 Wolf, Steffen

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