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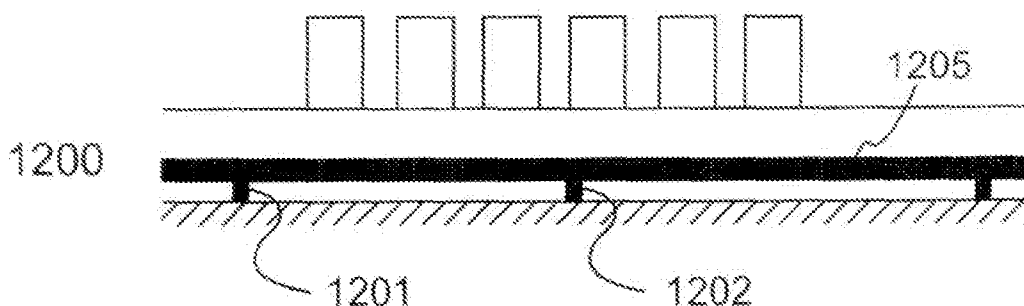
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(54) Title: OPTICAL MICROSTRUCTURES FOR LIGHT EXTRACTION AND CONTROL



(57) Abstract: The application of microstructures which improve the quality of light available to the viewer of an optical display system, or any display (100) which works on the concept of moving one surface into direct contact or close proximity of a light guide (201, 403, 505, 706, 806, 902, 1201, 1408, 1502) to extract light through frustrated total internal reflection. Optical microstructures are introduced on one or both of the surfaces of the active layer (202, 404, 506, 604, 704, 1501) to enhance its performance.

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/060821

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. G02B6/35 G09G3/34

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)  
G02B G09G G02F

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, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	page 6, line 6 - line 10; figures 2, 3, 15	6, 7, 12, 18, 19, 23
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X	US 5 771 321 A (STERN ERNEST [US]) 23 June 1998 (1998-06-23) abstract; figure 4a	1, 13
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search

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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.
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