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(54) Title: ETENDUE-CONSERVING ILLUMINATION-OPTICS FOR BACKLIGHTS AND FRONTLIGHTS

(57) Abstract: A luminance-preserving non-imaging backlight (20) that includes a luminous source emitting light (10), an injector (21), an ejector (23), a CPC profile(21) and microstructured facets (d,dd) that refract upwardly reflected light into a collimated direction common to the facets.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/29671

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **F21V 7/04(2006.01)**

USPC: 362/600
 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)
 U.S. : 362/600-634

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)
 EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7,001,058 B2(INDITSKY) 21 Feb 2006 (21.02.2006), abstract	1-21
A	US 6,871,982 B2 (HOLMAN et al) 29 Mar 2005 (29.03.2005), abstract	1-21

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"E" earlier application or patent published on or after the international filing date	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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