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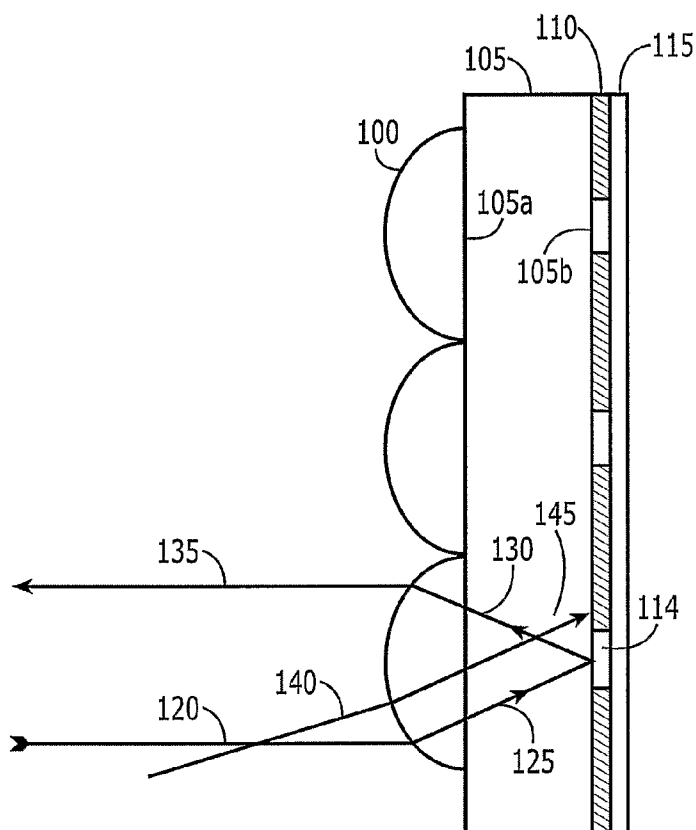
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(54) Title: FRONT-PROJECTION SCREENS INCLUDING REFLECTING LAYERS, OPTICALLY ABSORBING LAYERS, AND METHODS OF FABRICATING THE SAME



(57) Abstract: A front-projection screen can include a substrate (105) having first and second opposing sides with an array of optical microstructures (100) on the first side of the substrate (105) and an image reflecting layer (115) on the second side of the substrate (105) opposite the array of optical microstructures (100). An optically absorbing layer (110) is located between the image reflecting layer (115) and the array of optical microstructures (100), the optically absorbing layer (110) includes an array of apertures therein exposing portions of the image reflecting layer (115) therethrough.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G03B 21/60**(2007.01),**21/56**(2007.01)

USPC: 359/454,455,456,443,459,619

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. : 359/454, 455, 456, 443, 459, 619

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

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.
X	US 5,096,278 A (YOSHIOKA et al.) 17 March 1992 (17.03.1992), see entire document.	1-4, 10-14 and 21-30
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Y		5-9, 15-17 and 31-33
Y	US 6,597,501 B2 (LAMBERT et al.) 22 July 2003 (22.07.2003), see entire document.	5-9 and 15-16
Y	US 6,023,369 A (GOTO) 08 February 2000 (08.02.2000), see entire document.	17
Y,P	US 6,891,672 B2 (WHITEHEAD et al.) 10 May 2005 (10.05.2005), see entire document.	31-33

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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