

Title (en)  
LOUVRE GRID WITH CURVED LATERAL REFLECTORS

Publication  
**EP 0034354 B1 19830420 (DE)**

Application  
**EP 81101034 A 19810213**

Priority  
DE 3005762 A 19800215

Abstract (en)  
[origin: EP0034354A1] 1. Lighting grid comprising curved outer reflectors (1, 1') and tranverse laminations (2) which extend transversely thereto, each of which passes through corresponding apertures (10) in the outer reflectors (1, 1') and has two walls (21, 22) bent approximately in V formation which press against the edges (101) of the aperture (10) and which thus determine the required contour of the transverse laminations (2), where the lower edge (102) of each aperture (10) in the outer reflectors (1, 1') fits into a transverse slot (201) in a transverse lamination which slot extends from the lower edge to the upper edge of said lamination, and the aperture (10) further possesses projections (105) which engage into assigned similarly sized blocking slots (202) in the transverse laminations (2), characterized in that each aperture (10) in an outer reflector (1, 1') possesses, in the region of its upper end two upwards directed guide slots (100) whose width corresponds to the thickness of the walls (21, 22) of the transverse laminations (2), where the outer edge of these guide slots (100) lies in the required contour of the tranverse laminations (2) and the height of the guide slots is contrived to be such taht when the transverse laminations (2) occupies the required positon the outer reflector (1, 1') is held in the transverse slot (201) therein, that the blocking slot (202) in each wall (21, 22) of a transverse lamination (2) is arranged in the upper half theoreo between the transverse slot (201) and a stop stage (206) fot the outer relfector (1, 1'), in such manner that each appropriately biased side reflector (1, 1') is resiliently mounted between the bloking slot (202) on the one hand and the transverse slot (201) and stop stage (206) on the other hand and in this way its required profile is fixed, and that the height of the projections (105) which are assigned to the bloking slots (202) and are arranged in the apertures (10) of the side reflectors (1, 1') correspond only approximately to the material thickness of the transverse laminations (2).

IPC 1-7  
**F21V 11/06**

IPC 8 full level  
**F21V 11/02** (2006.01); **F21V 11/06** (2006.01)

CPC (source: EP)  
**F21V 11/02** (2013.01); **F21V 11/06** (2013.01)

Citation (examination)  
• DE 2833010 B1 19790816 - SIEMENS AG  
• DE 2723665 A1 19781130 - SIEMENS AG

Cited by  
FR2542848A1; AT383202B; EP0059283A3; EP0358155A1; WO0016008A1

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