

Title (en)

Lighting fixture with a reflecting grid.

Title (de)

Spiegelrasterleuchte.

Title (fr)

Armature d'éclairage à grille réfléchissante.

Publication

EP 0372272 B1 19940706 (DE)

Application

EP 89121184 A 19891116

Priority

DE 3841518 A 19881209

Abstract (en)

[origin: EP0372272A1] In a lighting fixture with a reflecting grid, which has a lighting fixture housing (10), an elongated lamp (18) attached therein, lateral reflectors (17) and a reflecting grid (15), the lamp (18) is surrounded by a light-guiding body (19) having a prismatic structure. The prisms scatter the emitted light before the latter falls upon the reflectors (16, 17). In this arrangement, the prismatic structure can be totally reflecting in one sector, in order to achieve an asymmetric light distribution. The lighting fixture with a reflecting grid prevents the action of glare, because no light of the lamp leaves the lighting fixture housing without prior refraction, and thus the luminance of the lamp itself and of its reflected image in the reflectors are reduced. <IMAGE>

IPC 1-7

F21V 5/02

IPC 8 full level

F21V 5/02 (2006.01)

CPC (source: EP US)

F21V 5/02 (2013.01 - EP US); **F21V 7/0091** (2013.01 - EP); **F21V 13/10** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US)

Cited by

WO0136867A1; EP1496308A3; FR2668838A1; EP0513713A3; EP1496308A2; WO9614597A1

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EP 0372272 A1 19900613; **EP 0372272 B1 19940706**; AT E108260 T1 19940715; DE 3841518 A1 19900613; DE 58908008 D1 19940811

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