

Title (en)
NON-DAZZLING LIGHT FIXTURE WITH AN ELONGATED LIGHT SOURCE

Publication
EP 0122972 B1 19871028 (DE)

Application
EP 83112800 A 19831220

Priority
AT 124683 A 19830408

Abstract (en)
[origin: US4539628A] Light fixtures with a rod-shaped light source (1) and with concave reflectors on both longitudinal sides of the light source. The concave reflectors extend above the light source, and have a curvature such that all light rays reflected across the light source will emerge in the transverse direction either directly or after reflection at an angle that is steeper than a light-specific masking angle (α). The reflectors include lamellae (4) that have an approximately V-shaped cross section and run across the middle vertical longitudinal plane of the light source and have reflecting concave side surfaces with a curvature such that all light rays reflected in the longitudinal direction of the light source (1) will emerge in the longitudinal direction either directly or after reflection at an angle that is steeper than a light-specific masking angle (β). The top sides (8) of the lamellae are covered by a flat reflecting cover, and the lamellae are shaped so as to form two lamellar sections that are symmetrical with the middle vertical longitudinal plane; their flat top sides, starting below the light source, form an angle with the longitudinal plane that approximately corresponds to the masking angle (α) and have the opposite slopes such that they are in tangential proximity to the light source (1) but do not come in contact with it, and they extend as far as the reflectors (2).

IPC 1-7
F21V 11/02

IPC 8 full level
F21V 11/02 (2006.01); **F21V 13/10** (2006.01)

CPC (source: EP US)
F21V 11/02 (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US)

Citation (examination)
DE 8106507 U1 19810827

Cited by
FR2734044A1; DE3900202A1; EP0309832A1; EP0271150A1; DE3440028A1; AT500432A1; AT500432B1; US5944411A; NL1027815C2; EP0138747B1; WO0165171A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0122972 A1 19841031; EP 0122972 B1 19871028; AT 381577 B 19861110; AT A124683 A 19860315; AT E30462 T1 19871115; CA 1220460 A 19870414; DE 3374213 D1 19871203; JP H0418641 B2 19920327; JP S60205903 A 19851017; US 4539628 A 19850903; ZA 841999 B 19850626

DOCDB simple family (application)
EP 83112800 A 19831220; AT 124683 A 19830408; AT 83112800 T 19831220; CA 451151 A 19840403; DE 3374213 T 19831220; JP 6927384 A 19840409; US 59559284 A 19840402; ZA 841999 A 19840319