

Title (en)

Light reflector with defined acutance of the light distribution generated by the same

Title (de)

Lichtreflektor mit definierter Konturenschärfe der von diesem erzeugten Lichtverteilung

Title (fr)

Réflecteur de lumière doté de contours nets définis de la répartition de la lumière produite par celui-ci

Publication

**EP 1857735 B1 20120606 (DE)**

Application

**EP 07009598 A 20070514**

Priority

DE 102006023120 A 20060516

Abstract (en)

[origin: EP1857735A1] The reflector (1) has a reflection surface comprising a facet in sections, and a retainer (5) for an illuminant e.g. LED. The facet is provided with a cylindrical form in an illuminant close area (2), and is provided with a spherical form in an illuminant distant area (3). A periphery runs between the illuminant close and distant areas along an intersection line of a plane that runs perpendicular to a symmetric axis. The illuminant close area takes up between 20 to 35 percentages of the reflection surface.

IPC 8 full level

**F21V 7/09** (2006.01); **F21V 7/22** (2006.01); **F21V 14/02** (2006.01)

CPC (source: EP US)

**F21V 7/09** (2013.01 - EP US); **F21V 19/0005** (2013.01 - EP US)

Citation (examination)

- US 4484254 A 19841120 - PUCKETT CLARENCE D [US], et al
- GB 2004047 A 19790321 - SASSMANNSHAUSEN KNUT
- GB 2065287 A 19810624 - TOSHIBA ELECTRIC EQUIP

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