

Title (en)

OPTICAL GROUP FOR LIGHTING APPARATUS AND LIGHTING APPARATUS COMPRISING SAID OPTICAL GROUP

Title (de)

OPTISCHE GRUPPE FÜR BELEUCHTUNGSGERÄTE UND BELEUCHTUNGSGERÄT MIT DER GESAGTEN OPTISCHEN GRUPPE

Title (fr)

GROUPE OPTIQUE POUR DISPOSITIF D'ÉCLAIRAGE ET DISPOSITIF D'ÉCLAIRAGE COMPRENANT CE GROUPE OPTIQUE

Publication

**EP 3772608 B1 20230802 (EN)**

Application

**EP 20189135 A 20200803**

Priority

IT 201900014298 A 20190807

Abstract (en)

[origin: EP3772608A1] A light emission device for lighting apparatuses configured for optimizing the lighting produced both in the near field, allowing to avoid unwanted rings or shadow areas or even portions of ground which are too intensely illuminated, as well as in the far field, producing a lighting having a direct "shot" and sized so as to optimize the number of lighting apparatuses per surface unit. The device uses a lens comprising a first inlet surface of the light flow, a second internal reflection surface and a third outlet surface of the light flow produced.

IPC 8 full level

**F21S 8/08** (2006.01); **F21V 5/04** (2006.01); **F21V 7/00** (2006.01); **F21V 13/04** (2006.01); **F21V 5/00** (2018.01); **F21V 7/22** (2018.01); **F21W 131/109** (2006.01); **F21Y 103/33** (2016.01); **F21Y 107/30** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

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