

Title (en)

OPTICAL DEVICE FOR AN LED LIGHT BULB

Title (de)

OPTISCHE VORRICHTUNG FÜR EINE LED-GLÜHLAMPE

Title (fr)

DISPOSITIF OPTIQUE POUR LAMPE À DEL

Publication

EP 2410240 A1 20120125 (EN)

Application

EP 09841779 A 20091117

Priority

- ES 2009070509 W 20091117
- ES 200900736 A 20090317

Abstract (en)

This invention relates to an optical device for an LED luminaire lamp, intended to process the light beams emitted by the LEDs, formed by: a first face, from which emerge a set of luminous-flux collectors aligned with each of the LEDs; and a second face located on the part of the optical device opposite that comprising the first face, from which emerge means for projecting the light beams, formed in turn by prisms and conical lenses.

IPC 8 full level

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CPC (source: EP ES US)

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Cited by

US9631780B2; US9644814B2; US9255685B2

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EP 2410240 A1 20120125; **EP 2410240 A4 20130828**; BR PI0924421 A2 20160126; CL 2009002067 A1 20100326; ES 2345477 A1 20100923; ES 2345477 B1 20110923; MX 2011009805 A 20120119; PE 20100749 A1 20101203; WO 2010106199 A1 20100923

DOCDB simple family (application)

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