

Title (en)

Linear LED light, in particular LED ring light

Title (de)

Linienförmige LED-Leuchte, insbesondere LED-Ringleuchte

Title (fr)

Lampe à DEL linéaire, notamment lampe annulaire à DEL

Publication

EP 2348250 B1 20151125 (DE)

Application

EP 11000431 A 20110120

Priority

- DE 102010005618 A 20100125
- DE 102010014210 A 20100408

Abstract (en)

[origin: EP2348250A1] The lamp has a channel whose outwardly open side forms a light-emitting surface. LEDs are arranged along a linear form extension of a light component at a side of the channel on an LED support surface i.e. printed circuit board, where the side of the channel is fixed opposite to the light-emitting surface. Each LED includes a shell shaped optical device i.e. reflectors (30, 38), for light deflection in main radiation direction of each LED. A lateral reflecting surface (32b) is provided between the light-emitting surface and the support surface at side of the channel in an area. The LEDs are high power LEDs.

IPC 8 full level

F21K 99/00 (2010.01); **F21V 7/00** (2006.01); **F21W 131/10** (2006.01)

CPC (source: EP US)

F21V 7/04 (2013.01 - EP US); **F21W 2131/10** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Cited by

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DOCDB simple family (publication)

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