

Title (en)  
Light with at least one LED

Title (de)  
Beleuchtung mit wenigstens einer LED

Title (fr)  
Eclairage doté d'au moins une DEL

Publication  
**EP 2317215 A1 20110504 (DE)**

Application  
**EP 10450164 A 20101028**

Priority  
AT 17322009 A 20091102

Abstract (en)  
The unit has a light source with an LED (1) and a lens (6'), which lies in an optical axis (5) of the LED and comprises a longitudinal axis (8). The lens is perpendicularly displaced to the optical axis and comprises a circular cross-section in a plane, where the optical axis lies in the plane. The lens comprises a cylindrical form over a predetermined length. An LED chip of the LED comprises a rectangular form. A transparent body is arranged at an optical path after the lens. Cylindrical lenses with parallel longitudinal axes are arranged in two positions in the optical path.

Abstract (de)  
Eine Beleuchtung weist eine Lichtquelle mit wenigstens einer LED (1) und mit wenigstens einer Linse (6, 6') auf, die in der optischen Achse (5) der LED (1) liegt. Die Linse (6, 6') weist in wenigstens einer Ebene, in der die optische Achse (5) liegt, einen kreisförmigen Querschnitt auf.

IPC 8 full level  
**F21K 99/00** (2010.01); **F21V 5/00** (2006.01); **F21V 5/02** (2006.01); **F21V 5/04** (2006.01); **F21V 13/02** (2006.01); **F21V 14/06** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21V 5/02** (2013.01 - EP); **F21V 5/041** (2013.01 - EP); **F21V 5/043** (2013.01 - EP US); **F21V 13/02** (2013.01 - EP); **F21V 14/06** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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