

Title (en)
LIGHT-EMITTING ELEMENT

Title (de)
LEUCHTKÖRPER

Title (fr)
CORPS D ÉCLAIRAGE

Publication
EP 2457414 A1 20120530 (DE)

Application
EP 09775993 A 20090721

Priority
DE 2009001017 W 20090721

Abstract (en)
[origin: WO2011009423A1] A light-emitting element (1) is equipped with a large number of light-emitting diodes (3, 4, 5, 6) which are arranged in a housing (2) and serve as light-emitting means. Said light-emitting diodes run anti-parallel to one another, to be precise preferably in units (7, 8), which each have two diode pairs (9, 10) that run anti-parallel to one another.

IPC 8 full level
F21K 99/00 (2010.01); **H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
F21S 4/20 (2016.01 - EP US); **H05B 45/42** (2020.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2011009423A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2011009423 A1 20110127; CN 102550127 A 20120704; DE 112009005089 A5 20130411; EP 2457414 A1 20120530; US 2012134156 A1 20120531

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DE 2009001017 W 20090721; CN 200980160632 A 20090721; DE 112009005089 T 20090721; EP 09775993 A 20090721; US 200913386037 A 20090721