

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
H05B 44/00 (2022.01); **F21K 99/00** (2010.01)

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)
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 SE SI SK SM TR

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