

Title (en)

LED module for passive lighting current stabilisation

Title (de)

LED-Modul zur passiven Lichtstromstabilisierung

Title (fr)

Module DEL pour la stabilisation passive du flux lumineux

Publication

EP 2473007 B1 20150422 (DE)

Application

EP 11196004 A 20111229

Priority

DE 102011002439 A 20110104

Abstract (en)

[origin: EP2473007A1] The LED module (1) has identical LEDs (2-4). The LED (3) is operated with constant current and the LED (4) is operated with constant voltage simultaneously such that the common emitted luminous flux of the LEDs (3,4) over a predetermined temperature range is constant. Independent claims are included for the following: (1) method for passive light flux stabilization of led module; (2) LED lamp; and (3) LED system.

IPC 8 full level

H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP)

H05B 45/14 (2020.01)

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

DOCDB simple family (publication)

EP 2473007 A1 20120704; EP 2473007 B1 20150422; DE 102011002439 A1 20120705

DOCDB simple family (application)

EP 11196004 A 20111229; DE 102011002439 A 20110104