

Title (en)
Planar LED light

Title (de)
Flächenleuchte

Title (fr)
Eclairage planaire

Publication
EP 2658349 A1 20131030 (DE)

Application
EP 13165145 A 20130424

Priority
DE 102012206889 A 20120426

Abstract (en)
The fluorescent light has a LED module on which two LEDs (1) are arranged with series or parallel connection in two-dimensional array. The LEDs are connected with a resistor (2) and a switch (3) such that the change of the lights of the LEDs is possible. A constant current source is provided for supplying current to the LEDs. A control unit is provided to control the switch. The white LEDs and multi-color LEDs are used.

Abstract (de)
Flächenleuchte, mit mindestens einem LED-Modul, auf dem mindestens zwei LEDs (1) in einer 1- oder 2-dimensionalen Serien- und/oder Parallelschaltung angeordnet sind, wobei zumindest einem Teil der auf dem LED-Modul angeordneten LEDs (1) Mittel (2, 3) zugeordnet sind, die eine Veränderung der durch die LEDs (1) fließenden Ströme ermöglichen.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP)
H05B 45/48 (2020.01)

Citation (search report)
• [XAYI] WO 2008149294 A1 20081211 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• [XY] EP 1750486 A1 20070207 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al

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

DOCDB simple family (publication)
EP 2658349 A1 20131030; DE 102012206889 A1 20131031; DE 102012206889 B4 20220825

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EP 13165145 A 20130424; DE 102012206889 A 20120426