

Title (en)

PRINTED CIRCUIT BOARD FOR POPULATING WITH ILLUMINATION BODIES, COMPRISING A VARIABLE WORKING WINDOW

Title (de)

LEITERPLATTE ZUM BESTÜCKEN MIT LEUCHTKÖRPERN MIT VARIABLEM ARBEITSFENSTER

Title (fr)

CARTE DE CIRCUITS IMPRIMÉS PERMETTANT LE MONTAGE D'ÉLÉMENTS LUMINEUX À FENÊTRE ACTIVE VARIABLE

Publication

**EP 2907367 A1 20150819 (DE)**

Application

**EP 13774421 A 20131009**

Priority

- DE 202012103898 U 20121012
- EP 2013071038 W 20131009

Abstract (en)

[origin: WO2014056977A1] The invention relates to a printed circuit board (10) for populating with illumination bodies, in particular LEDs (25), said board having population regions (20) with connection options for the illumination bodies. A number of the population regions (20) are connected in series by means of conductor tracks (21) to form a group. The printed circuit board is further provided with additional connection options (22) for electrical connection elements, in particular for 0-ohm resistors, via which at least some of the groups can be connected either in parallel or in series.

IPC 8 full level

**H05K 1/02** (2006.01); **H01L 25/075** (2006.01); **H05K 3/22** (2006.01)

CPC (source: EP US)

**F21V 21/00** (2013.01 - US); **F21V 23/06** (2013.01 - US); **H01L 25/0753** (2013.01 - EP US); **H05K 1/0295** (2013.01 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H01L 2924/0002** (2013.01 - EP US); **H05K 3/222** (2013.01 - EP US); **H05K 2201/09227** (2013.01 - EP US); **H05K 2201/09254** (2013.01 - EP US); **H05K 2201/09318** (2013.01 - EP US); **H05K 2201/09663** (2013.01 - EP US); **H05K 2201/09954** (2013.01 - EP US); **H05K 2201/10106** (2013.01 - EP US); **H05K 2203/173** (2013.01 - EP US)

C-Set (source: EP US)

**H01L 2924/0002 + H01L 2924/00**

Citation (search report)

See references of WO 2014056977A1

Citation (examination)

- DE 202010008479 U1 20111209 - ZUMTOBEL LIGHTING GMBH [AT]
- US 2011316422 A1 20111229 - TISCHLER MICHAEL [US], 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)

**DE 202012103898 U1 20140115**; CN 104704927 A 20150610; CN 104704927 B 20180209; EP 2907367 A1 20150819; US 2015285474 A1 20151008; WO 2014056977 A1 20140417

DOCDB simple family (application)

**DE 202012103898 U 20121012**; CN 201380051212 A 20131009; EP 13774421 A 20131009; EP 2013071038 W 20131009; US 201314435163 A 20131009