

Title (en)
Lighting device

Title (de)
Leuchtvorrichtung

Title (fr)
Dispositif d'éclairage

Publication
EP 2568466 B1 20141112 (DE)

Application
EP 11007402 A 20110912

Priority
EP 11007402 A 20110912

Abstract (en)
[origin: EP2568466A1] The illumination device has a support plate having several through-holes (14) in which 'LED dots' (18), i.e. elements comprising a water-and dust-proof transparent plastic material housing an LED, especially a three-colour (RGB) LED, are fitted. The LED dots are inserted into cut-outs (38) in a mounting bracket (30) made of aluminum or aluminum alloy, above the through-holes in the support plate so that their light-emitting surface fits into the through-hole and can be seen from the exterior. The profile of the LED dots resembles an 'inverted hat' with an elliptical brim whose protrusions act as a latch to retain the dot in position against the mounting bracket when rotated through 90[deg].

IPC 8 full level
G09F 9/33 (2006.01)

CPC (source: EP US)
F21V 33/006 (2013.01 - EP); **G09F 9/33** (2013.01 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
AT14152U1; EP3133341A1

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

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EP 2568466 A1 20130313; EP 2568466 B1 20141112; WO 2013037460 A1 20130321

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