

Title (en)  
ILLUMINANT COMPRISING AN LED

Title (de)  
LEUCHTMITTEL MIT LED

Title (fr)  
AGENT LUMINEUX ÉQUIPÉ D'UNE DEL

Publication  
**EP 3146255 B1 20181017 (DE)**

Application  
**EP 15728381 A 20150505**

Priority  
• AT 2132014 U 20140519  
• AT 2015050110 W 20150505

Abstract (en)  
[origin: WO2015176090A1] Disclosed is a method for assembling and contacting an illuminant comprising at least one light emitting diode (1,2,3), said illuminant having a support element (4) on which the light emitting diodes (1,2,3) are arranged, wherein the support element (4) has passage openings (21) in the electrical contact region of the of the cable (9) and preferably in the vicinity of the cable (9). The method comprises the following steps: contacting the cable (9) with the support element (4); and applying a hot melt adhesive to the cable (9) and the support element (4), wherein the hot melt adhesive (20) surrounds the cable (9) and thereby mechanically connects the cable (9) to the support element (4). The hot melt adhesive (20) is applied to the support element (4) in such a way that the hot melt adhesive (20) fills the passage openings (21) and lies on both sides of the support element (4).

IPC 8 full level  
**F21S 2/00** (2016.01); **F21S 4/00** (2016.01); **F21V 5/00** (2018.01); **F21V 31/00** (2006.01)

CPC (source: AT CN EP US)  
**F21S 2/005** (2013.01 - EP US); **F21S 4/00** (2013.01 - AT); **F21S 4/10** (2016.01 - AT); **F21S 4/28** (2016.01 - EP US); **F21V 3/00** (2013.01 - US); **F21V 5/00** (2013.01 - EP US); **F21V 7/00** (2013.01 - US); **F21V 9/08** (2013.01 - US); **F21V 17/101** (2013.01 - CN); **F21V 19/001** (2013.01 - CN); **F21V 19/003** (2013.01 - US); **F21V 23/001** (2013.01 - AT US); **F21V 23/002** (2013.01 - CN); **F21V 31/005** (2013.01 - EP US); **F21Y 2101/00** (2013.01 - AT EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **G09F 2013/222** (2013.01 - EP US)

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)  
**WO 2015176090 A1 20151126**; AT 14221 U1 20150615; AU 2015263817 A1 20161208; CA 2949554 A1 20151126; CN 106461164 A 20170222; CN 106461164 B 20191126; DE 112015002375 A5 20170202; EP 3146255 A1 20170329; EP 3146255 B1 20181017; US 2017108202 A1 20170420

DOCDB simple family (application)  
**AT 2015050110 W 20150505**; AT 2132014 U 20140519; AU 2015263817 A 20150505; CA 2949554 A 20150505; CN 201580027896 A 20150505; DE 112015002375 T 20150505; EP 15728381 A 20150505; US 201515312472 A 20150505