

Title (en)  
LIGHTING DEVICE FOR CLEAN ROOM

Title (de)  
BELEUCHTUNGSEINRICHTUNG FÜR REINRAUM

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE POUR SALLE PROPRE

Publication  
**EP 2273184 B1 20160831 (FR)**

Application  
**EP 10168255 A 20100702**

Priority  
FR 0954648 A 20090706

Abstract (en)  
[origin: EP2273184A1] The device has a bonnet (3) provided parallel to a support plate (2). Electroluminescent diodes (5) are provided as a light source. The support plate places the electroluminescent diodes in a position. The support plate and the bonnet form an envelope structure for closing the device. The envelope structure provides two principal external opposite faces. Side walls (31) connect the principal faces by forming an obtuse angle with an extension virtual plane, where the obtuse angle is ranged between 115 and 160 degrees. The bonnet is made of plastic, glass, aluminum and/or incorporating steel of optics transparency. The device is made of a polymeric coating material i.e. polyurethane.

IPC 8 full level  
**F21S 8/04** (2006.01); **F21K 99/00** (2016.01); **F21V 17/16** (2006.01); **F21W 131/402** (2006.01)

CPC (source: EP US)  
**F21S 8/04** (2013.01 - EP US); **F21V 3/02** (2013.01 - EP); **F21V 3/04** (2013.01 - EP); **F21V 15/01** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21W 2131/402** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
CH706648A1; DE102012020199A1; WO2015011179A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2273184 A1 20110112**; **EP 2273184 B1 20160831**; ES 2605822 T3 20170316; FR 2947610 A1 20110107; FR 2947610 B1 20160122; PT 2273184 T 20161220

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**EP 10168255 A 20100702**; ES 10168255 T 20100702; FR 0954648 A 20090706; PT 10168255 T 20100702