

Title (en)
LIGHTING DEVICE FOR CLEAN ROOM

Title (de)
BELEUCHTUNGSEINRICHTUNG FÜR REINRAUM

Title (fr)
DISPOSITIF D'ÉCLAIRAGE POUR SALLE PROPRE

Publication
EP 2273184 A1 20110112 (FR)

Application
EP 10168255 A 20100702

Priority
FR 0954648 A 20090706

Abstract (en)
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.

Abstract (fr)
La présente invention concerne un dispositif d'éclairage (1) pour salle propre comportant des diodes électroluminescentes (5) en tant que sources lumineuses, une plaque (2) de support pour les dites diodes, et un capot (3) opposé à la plaque de support et fermant le dispositif, caractérisé en ce que la plaque de support (2) et le capot (3) forment une structure d'enveloppe pour le dispositif qui est plate en étant destinée à être directement fixée contre la surface d'accueil dudit dispositif.

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)

Citation (applicant)

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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

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BA ME RS

DOCDB simple family (publication)
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