

Title (en)
ASSEMBLY FOR MOUNTING LED AND/OR CONTACT UNITS AND LED UNITS FOR ELECTRICAL CONTROL CIRCUITS OF INDUSTRIAL PLANTS

Title (de)
ANORDNUNG ZUR BEFESTIGUNG VON LED- UND/ODER KONTAKTEINHEITEN UND LED-EINHEITEN FÜR ELEKTRISCHE STEUERSCHALTUNGEN VON INDUSTRIELLEN ANLAGEN

Title (fr)
ENSEMBLE DE MONTAGE DE DEL ET/OU D'UNITÉS DE CONTACT ET UNITÉS À DEL POUR CIRCUITS DE COMMANDE ÉLECTRIQUES D'INSTALLATIONS INDUSTRIELLES

Publication
EP 3399534 A1 20181107 (EN)

Application
EP 18000432 A 20180507

Priority
IT 201700049137 A 20170505

Abstract (en)
An LED unit for electrical circuits for controlling machine or industrial plants comprises a casing (2) housing therein at least one pair of electrical contacts (6) associated with respective wiring terminals (7), at least one LED circuit (13) adapted to be inserted in the casing (2) and having a diode (14) for emitting the light beam and a PCB (15) for the electrical connection with the electrical contacts (6), wherein the casing (2) comprises a housing (16) for the LED circuit (13) provided with an upper hole (17) for connecting the diode (14) to the PCB (15), an anchoring cradle (18) adapted to be inserted into the housing (16) for the stable locking of the LED circuit (13) in the casing (2).

IPC 8 full level
H01H 11/00 (2006.01); **H01H 13/02** (2006.01); **F21V 23/04** (2006.01); **H05K 5/02** (2006.01)

CPC (source: EP)
F21V 19/003 (2013.01); **H01H 11/0006** (2013.01); **H01H 13/023** (2013.01); **F21W 2111/00** (2013.01); **F21Y 2115/10** (2016.07); **H01H 2219/042** (2013.01)

Citation (search report)
• [XY] US 2008073190 A1 20080327 - COVE JAMES [GB]
• [XAY] EP 2624674 A1 20130807 - OMRON TATEISI ELECTRONICS CO [JP]
• [YA] EP 2669919 A1 20131204 - SIEMENS AG [DE]
• [YA] US 2008261426 A1 20081023 - DIEKMANN JOERG [DE], et al

Cited by
CN111328239A

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)
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EP 18000432 A 20180507; IT 201700049137 A 20170505