

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 ELEKTRISCHEN 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 B1 20201104 (EN)**

Application  
**EP 18000432 A 20180507**

Priority  
IT 201700049137 A 20170505

Abstract (en)  
[origin: EP3399534A1] 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)

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

DOCDB simple family (publication)  
**EP 3399534 A1 20181107**; **EP 3399534 B1 20201104**; IT 201700049137 A1 20181105

DOCDB simple family (application)  
**EP 18000432 A 20180507**; IT 201700049137 A 20170505