

Title (en)
RECESSED LED LIGHT UNIT

Title (de)
EINGEBAUTE LED-BELEUCHTUNGSEINHEIT

Title (fr)
UNITÉ LUMINEUSE À DEL EN RETRAIT

Publication
EP 3705775 B1 20210414 (EN)

Application
EP 20156577 A 20200211

Priority
IT 201900000613 U 20190222

Abstract (en)
[origin: EP3705775A1] A recessed LED light unit, in particular for being applied to plates which constitute false walls and/or false ceilings, comprises:- a support (2) for fixing an LED element (3) which is provided with lateral wings (4) for engagement with the internal portion of a sheet (L), to which the light unit is applied,- a plate-like member (7) which is capable of being fixed to the support (2) and which has a through-opening (8), through which the light emitted by the LED element (3) of the light unit is emitted outwards, the LED element (3) being mounted in a position interposed between the support (2) and the plate-like member (7), substantially in vertical alignment with the opening (8),- a plate-like element (9) which is interposed between the support (2) and the member (7) and which is mounted in a manner with limited sliding on the member, the plate-like element (9) being provided with a first through-hole and a second through-hole (10, 11), which are adjacent to each other, the first hole (10) being capable of being engaged by a screen or lens element (12), the plate-like element (9) being movable between a first position, in which the first hole (10) is arranged in correspondence with the through-hole (8), for diffusing the light emitted by the LED element (3), and a second position, in which the second hole (11) is arranged in correspondence with the opening (8), the LED element (3) being removable from the light unit through the second hole (11) and the opening (8).

IPC 8 full level
F21S 8/02 (2006.01); **F21V 15/01** (2006.01); **F21V 17/10** (2006.01); **F21V 19/04** (2006.01); **F21V 21/04** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
F21S 8/026 (2013.01); **F21V 15/01** (2013.01); **F21V 17/104** (2013.01); **F21V 19/04** (2013.01); **F21V 21/041** (2013.01); **F21Y 2115/10** (2016.07)

Cited by
WO2022152355A1

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 3705775 A1 20200909; **EP 3705775 B1 20210414**; ES 2882013 T3 20211130; IT 201900000613 U1 20200822

DOCDB simple family (application)
EP 20156577 A 20200211; ES 20156577 T 20200211; IT 201900000613 U 20190222