

Title (en)

LAMP DEVICE HAVING A LAMP HOUSING AND A LAMP COVER THAT CAN BE DETACHABLY FASTENED TO THE LAMP HOUSING

Title (de)

LEUCHTENVORRICHTUNG MIT EINEM LEUCHTENGEHÄUSE UND EINER AN DAS LEUCHTENGEHÄUSE LÖSBAR BEFESTIGBAREN LEUCHTENABDECKUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE COMPRENANT UN BOÎTIER ET UN COUVERCLE POUVANT ÊTRE FIXÉ AU BOÎTIER DE FAÇON AMOVIBLE

Publication

**EP 3140592 A1 20170315 (DE)**

Application

**EP 15720007 A 20150422**

Priority

- DE 202014101961 U 20140425
- EP 2015058690 W 20150422

Abstract (en)

[origin: WO2015162165A1] The invention relates to a lamp device (10), comprising: a lamp housing (20) having an interior (I) for accommodating lighting means, wherein the lamp housing (20) has an opening (O) at one end, has a carrier plate (21) at a further end opposite the opening (O), and comprises a wall (22) that extends away from the carrier plate, which wall defines the opening (O) of the lamp housing (20) and bounds the interior (I) of the lamp housing (20) together with the carrier plate (21); and a lamp cover (50) for covering the opening (O) in an installed state, wherein the lamp cover (50) has an emission surface (51) and a supporting element (52), which is connected to the emission surface (51) and extends in the direction of the interior (I) of the lamp housing (20) in the installed state. According to a first aspect, the wall (22) of the lamp housing (20) has a first profile (31, 41) formed integrally with the wall (22), which first profile protrudes toward the interior of the lamp housing (20), wherein the supporting element (52) has a second profile (63, 73) that corresponds to the first profile (31, 41), and wherein in the installed state of the lamp cover (50), the second profile (63, 73) engages behind the first profile (31, 41), as viewed perpendicularly to the opening (O), on a side of the first profile (31, 41) facing the carrier plate (21). According to a second aspect, the wall (22) of the lamp housing (20) has a first profile (31, 41) formed integrally with the wall (22), which first profile protrudes away from the interior of the lamp housing (20), wherein the supporting element (52) has a second profile (63, 73) that corresponds to the first profile (31, 41), and wherein in the installed state of the lamp cover (50), the first profile (31, 41) engages behind the second profile (63, 73), as viewed perpendicularly to the opening (O), on a side of the second profile (63, 73) facing away from the carrier plate (21). The invention further relates to a lamp system, comprising a lamp device (10) according to the invention having at least one lighting means, which lighting means is provided on the side of the carrier plate (21) facing the interior (I).

IPC 8 full level

**F21V 17/16** (2006.01); **F21S 8/02** (2006.01); **F21V 3/02** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: AT EP US)

**F21S 8/026** (2013.01 - EP); **F21V 3/02** (2013.01 - EP); **F21V 15/01** (2013.01 - AT EP); **F21V 17/164** (2013.01 - AT EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2015162165A1

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)

**DE 202014101961 U1 20150728**; AT 14458 U1 20151115; EP 3140592 A1 20170315; EP 3140592 B1 20180926; WO 2015162165 A1 20151029

DOCDB simple family (application)

**DE 202014101961 U 20140425**; AT 2382014 U 20140530; EP 15720007 A 20150422; EP 2015058690 W 20150422