

Title (en)
PROFILE RAIL, CONNECTING ELEMENT, ILLUMINATING MODULE, LIGHTING SYSTEM AND LIGHT BOX

Title (de)
PROFILSCHIENE, VERBINDUNGSELEMENT, LEUCHTMODUL, LEUCHTSYSTEM UND LEUCHTKASTEN

Title (fr)
RAIL PROFILÉ, ÉLÉMENT DE LIAISON, MODULE D'ÉCLAIRAGE, SYSTÈME D'ÉCLAIRAGE ET BOÎTIER LUMINEUX

Publication
EP 2627943 B1 20211201 (DE)

Application
EP 11773705 A 20111010

Priority
• DE 102010042377 A 20101013
• EP 2011067633 W 20111010

Abstract (en)
[origin: WO2012049115A1] The invention relates to a profile rail (1) comprising at least one bottom wall (2) and two lateral walls (3a, 3b) projecting from the bottom wall (2) on opposite sides, the walls (2, 3a, 3b) forming an especially U-shaped profile. The profile rail (1) is designed in such a way that a receiving chamber (4) defined by the bottom wall (2) and the lateral walls (3a, 3b) receives at least one illuminating module (7) in a form-fitting and/or force-locking manner.

IPC 8 full level
F21S 4/20 (2016.01); **F21S 4/00** (2016.01); **F21V 17/16** (2006.01); **F21V 21/088** (2006.01)

CPC (source: EP US)
F21S 4/20 (2016.01 - EP US); **F21V 17/12** (2013.01 - US); **F21V 17/16** (2013.01 - EP US); **F21V 17/18** (2013.01 - US);
F21V 19/004 (2013.01 - US); **F21V 21/088** (2013.01 - EP US); **F21Y 2103/20** (2016.07 - US); **F21Y 2115/00** (2016.07 - US)

Citation (examination)
• WO 2006105731 A1 20061012 - LIGHTHOUSE TECHNOLOGIES LTD [CN], et al
• US 2010226125 A1 20100909 - LIAO WEN-YUAN [TW], et al
• WO 8810396 A1 19881229 - CLAESSION HANS [CH]
• US 2010214770 A1 20100826 - ANDERSON KENNETH E [US]

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)
DE 102010042377 A1 20120419; CN 103154600 A 20130612; CN 103154600 B 20160907; EP 2627943 A1 20130821;
EP 2627943 B1 20211201; US 2013208476 A1 20130815; US 2017108198 A1 20170420; US 9506631 B2 20161129; US 9835315 B2 20171205;
WO 2012049115 A1 20120419

DOCDB simple family (application)
DE 102010042377 A 20101013; CN 201180049828 A 20111010; EP 11773705 A 20111010; EP 2011067633 W 20111010;
US 201113879281 A 20111010; US 201615359851 A 20161123