

Title (en)
OPTOELECTRONIC MODULE AND ILLUMINATION DEVICE

Title (de)
OPTOELEKTRONISCHES MODUL UND BELEUCHTUNGSVORRICHTUNG

Title (fr)
MODULE OPTOÉLECTRONIQUE ET DISPOSITIF D'ÉCLAIRAGE

Publication
EP 2232133 B1 20171004 (EN)

Application
EP 08861679 A 20081217

Priority
• EP 2008010781 W 20081217
• CN 200710194365 A 20071218
• DE 102008036020 A 20080801

Abstract (en)
[origin: WO2009077177A1] An optoelectronic module comprises, in particular, a connection carrier (2), an optoelectronic component (3) arranged on the connection carrier (2), a cooling element (9), on which the connection carrier (2) is arranged, a covering (6) extending over the connection carrier (2), and an electrical, in particular electronic, control element (8) for controlling the optoelectronic component (3). An illumination device comprises, in particular, a module (1) and a basic body (13), to which the module (1) is fixed.

IPC 8 full level
F21K 9/20 (2016.01); **F21K 99/00** (2010.01); **F21V 29/83** (2015.01); **F21W 131/103** (2006.01)

CPC (source: EP US)
F21K 9/20 (2016.08 - EP US); **F21S 8/086** (2013.01 - EP US); **F21S 2/00** (2013.01 - EP US); **F21V 3/061** (2018.02 - EP); **F21V 3/062** (2018.02 - EP); **F21V 29/70** (2015.01 - EP); **F21V 29/76** (2013.01 - EP); **F21V 31/005** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2113/00** (2013.01 - EP US); **F21Y 2115/10** (2016.08 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102008036020 A1 20090625; CN 101903703 A 20101201; EP 2232133 A1 20100929; EP 2232133 B1 20171004; WO 2009077177 A1 20090625

DOCDB simple family (application)
DE 102008036020 A 20080801; CN 200880121488 A 20081217; EP 08861679 A 20081217; EP 2008010781 W 20081217