

Title (en)
LIGHTING MODULE

Title (de)
LEUCHTMODUL

Title (fr)
MODULE D'ÉCLAIRAGE

Publication
EP 2872824 A1 20150520 (DE)

Application
EP 13734033 A 20130628

Priority
• DE 102012212027 A 20120710
• EP 2013063744 W 20130628

Abstract (en)
[origin: WO2014009180A1] The invention relates to a lighting module, comprising a first printed circuit board (1) on which at least one light source (3) is arranged, a cover element (5) that covers the first printed circuit board (1) at least partially, and at least one electronic component (9) which is integrated into the cover element (5) and is electrically connected to the first printed circuit board (1).

IPC 8 full level
H05B 44/00 (2022.01); **F21Y 101/02** (2006.01)

CPC (source: CN EP US)
F21S 2/005 (2013.01 - CN); **F21V 7/00** (2013.01 - EP US); **F21V 19/003** (2013.01 - US); **F21V 23/005** (2013.01 - EP US); **F21V 23/006** (2013.01 - CN EP US); **F21V 23/02** (2013.01 - US); **F21V 29/70** (2015.01 - EP US); **H05B 45/00** (2020.01 - EP US); **H05K 3/32** (2013.01 - US); **F21Y 2101/00** (2013.01 - CN); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H05B 45/36** (2020.01 - EP US); **H05B 45/60** (2020.01 - EP); **Y10T 29/49133** (2015.01 - EP US)

Citation (search report)
See references of WO 2014009180A1

Citation (examination)
• JP 2012074250 A 20120412 - PANASONIC CORP
• EP 2642196 A1 20130925 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
• US 2010294961 A1 20101125 - ASHDOWN IAN [CA]
• WO 2012049835 A1 20120419 - PANASONIC CORP [JP], et al

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)
WO 2014009180 A1 20140116; CN 104412033 A 20150311; CN 104412033 B 20170315; DE 102012212027 A1 20140116; EP 2872824 A1 20150520; US 2015195873 A1 20150709; US 9578697 B2 20170221

DOCDB simple family (application)
EP 2013063744 W 20130628; CN 201380036350 A 20130628; DE 102012212027 A 20120710; EP 13734033 A 20130628; US 201314413714 A 20130628