

Title (en)
Illumination Apparatus

Title (de)
BeleuchtungsVorrichtung

Title (fr)
Appareil d'éclairage

Publication
EP 2341282 A1 20110706 (EN)

Application
EP 10186673 A 20101006

Priority
CN 200910312699 A 20091230

Abstract (en)
An illumination apparatus (10) includes a cover (11), a light emitting element module (12), and a power supply module (13). The light emitting element module (12) is arranged inside the cover (11). The power supply module (13) is electrically connected to the light emitting element module (12) thereby providing electric power to the light emitting element module (12). The power supply module (13) is arranged at the exterior of the cover (11) and thermally insulated from the cover (11) and the light emitting element module (12).

IPC 8 full level
F21V 15/01 (2006.01); **F21V 23/02** (2006.01); **F21V 29/00** (2006.01); **F21V 3/02** (2006.01); **F21V 17/16** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 15/01 (2013.01 - EP US); **F21V 23/008** (2013.01 - EP); **F21V 23/02** (2013.01 - EP); **F21V 23/023** (2013.01 - EP); **F21V 29/507** (2015.01 - EP); **F21V 29/80** (2015.01 - EP); **F21V 3/02** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21V 29/81** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XYI] WO 2009048436 A1 20090416 - HELLA LUX SLOVENIJA PROIZV SVE [SI], et al
- [YA] US 2005212439 A1 20050929 - ZAMPINI THOMAS L [US], et al
- [YA] EP 0947766 A2 19991006 - SITECO BELEUCHTUNGSTECH GMBH [DE]
- [XI] AU 2008200850 A1 20090910 - AEON LIGHTING TECHNOLOGY
- [X] US 2009296403 A1 20091203 - ZHANG WEN-XIANG [CN], et al

Cited by
IT201800003668A1; EP2592338A1; WO2013178222A1; US10767847B2; US10865972B2

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)
EP 2341282 A1 20110706; CN 102116423 A 20110706

DOCDB simple family (application)
EP 10186673 A 20101006; CN 200910312699 A 20091230