

Title (en)
Illumination system

Title (de)
Beleuchtungssystem

Title (fr)
Système d'éclairage

Publication
EP 2492578 A3 20130612 (DE)

Application
EP 12001097 A 20120220

Priority
DE 102011012129 A 20110223

Abstract (en)
[origin: EP2492578A2] The lighting device comprises a point-shaped light source (2), particularly in the form of a light emitting diode and a lens arrangement (3) assigned to the light source. The lens arrangement comprises two separate lens blocks arranged nested in each other, an inner lens (4) fitting at the light source and an outer lens (5) encompassing the inner lens in a bowl shape. An independent claim is also included for a lighting system with multiple lighting devices arranged on a common support.

IPC 8 full level
F21S 8/02 (2006.01); **F21V 5/00** (2006.01); **F21V 5/04** (2006.01); **F21V 5/08** (2006.01); **F21V 17/10** (2006.01); **F21V 17/16** (2006.01)

CPC (source: AT EP US)
F21S 8/02 (2013.01 - AT EP); **F21S 8/046** (2013.01 - AT); **F21V 5/008** (2013.01 - AT EP US); **F21V 5/04** (2013.01 - AT EP US); **F21V 5/08** (2013.01 - EP US); **F21V 17/002** (2013.01 - EP); **F21V 17/10** (2013.01 - AT); **F21V 17/164** (2013.01 - EP US); **F21K 9/00** (2013.01 - EP US); **F21S 8/04** (2013.01 - EP); **F21S 8/06** (2013.01 - EP); **F21V 7/0091** (2013.01 - EP); **F21V 7/048** (2013.01 - EP); **F21V 23/009** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
• [Y] EP 1890076 A1 20080220 - CCS INC [JP]
• [Y] WO 9833007 A1 19980730 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• [YA] US 2010061076 A1 20100311 - MANDY TERRY ROY [US], et al
• [A] US 6536923 B1 20030325 - MERZ BERND [DE]
• [A] JP 2007149552 A 20070614 - HARISON TOSHIBA LIGHTING CORP

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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 2492578 A2 20120829; EP 2492578 A3 20130612; AT 14322 U1 20150815; DE 102011012129 A1 20120823

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EP 12001097 A 20120220; AT 500152014 U 20120220; DE 102011012129 A 20110223