

Title (en)
Headlamp unit and fountain

Title (de)
Scheinwerfereinheit und Wasserspiel

Title (fr)
Unité de phare et jeu d'eau

Publication
EP 2006601 A3 20091021 (DE)

Application
EP 08011133 A 20080619

Priority
DE 102007029080 A 20070621

Abstract (en)
[origin: EP2006601A2] The unit has a liquid-cooled illumination unit for illuminating a fountain and a water jet. The illumination unit includes LEDs (6) that are arranged in a housing (3). The LEDs are arranged on a common board (4), which includes a cooling channel limiting a liquid-cooled side. The illumination unit is arranged at a heat-conductive plate (13) that limits the cooling channel of the board. The plate is arranged at the common board. The housing includes a central area with a cooling module. A cooling liquid inlet (2) is arranged in a lower area of the housing.

IPC 8 full level
F21K 99/00 (2010.01); **F21S 8/00** (2006.01); **F21V 29/02** (2006.01); **F21W 121/02** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
B05B 17/08 (2013.01 - EP US); **F21V 21/30** (2013.01 - EP US); **F21V 29/56** (2015.01 - EP US); **F21V 31/04** (2013.01 - EP US); **F21V 33/00** (2013.01 - EP US); **B05B 15/00** (2013.01 - EP US); **B05B 15/654** (2018.01 - EP US); **F21V 23/02** (2013.01 - EP US); **F21W 2121/02** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2006601 A2 20081224; EP 2006601 A3 20091021; CA 2635471 A1 20081221; CN 101329024 A 20081224; DE 102007029080 A1 20081224; US 2009154163 A1 20090618; US 8167446 B2 20120501

DOCDB simple family (application)
EP 08011133 A 20080619; CA 2635471 A 20080620; CN 200810125343 A 20080620; DE 102007029080 A 20070621; US 14283308 A 20080620