

Title (en)
Lighting device for a swimming pool.

Title (de)
Beleuchtungsanordnung für Schwimmbad

Title (fr)
Dispositif d'éclairage pour piscine

Publication
EP 2594245 B1 20150311 (FR)

Application
EP 12192712 A 20121115

Priority
FR 1160481 A 20111117

Abstract (en)
[origin: FR2968333A1] The device (1) has a glass optics (5) and a support (2) defining a hollow chamber (9), and LEDs (8) arranged on a front face of a heat conducting plate (13). The plate is arranged on the optics so that the LEDs are located in the hollow chamber and all or part of a rear face of the plate is located outside the chamber to be in contact with water in a pool. The LEDs are arranged on the plate so as to emit a light flux (F) in a direction opposite to that of the optics. A reflector (18) is arranged in the hollow chamber to redistribute the light flux in the direction of the optics.

IPC 8 full level
A61H 33/00 (2006.01); **E04H 4/14** (2006.01); **F21W 121/02** (2006.01)

CPC (source: EP US)
F21V 7/0008 (2013.01 - EP US); **F21V 7/09** (2013.01 - EP); **F21V 27/02** (2013.01 - EP); **F21V 29/506** (2015.01 - EP);
F21V 29/70 (2015.01 - EP); **F21V 29/713** (2015.01 - EP); **F21V 29/763** (2015.01 - EP); **F21V 29/86** (2015.01 - EP); **F21V 29/89** (2015.01 - EP);
A61H 2033/0083 (2013.01 - EP); **F21W 2121/02** (2013.01 - EP); **F21W 2131/401** (2013.01 - EP); **F21Y 2103/33** (2016.07 - EP);
F21Y 2105/10 (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
CN103453358A; US10731843B2; EP2995856A1

Designated contracting state (EPC)
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