

Title (en)
IMPROVED DOWNLIGHT

Title (de)
VERBESSERTER DECKENSTRAHLER

Title (fr)
PLAFONNIER AMÉLIORÉ

Publication
EP 3387322 B1 20220525 (EN)

Application
EP 16825892 A 20161215

Priority

- GB 201521756 A 20151210
- IB 2016057674 W 20161215

Abstract (en)
[origin: GB2545242A] A downlight assembly comprises a housing 11 made from material with a melting point in excess of 900° C. The housing has at least one side wall and a rear end wall (17, Fig. 2b) closing the rear of the housing. A LED module 12 is mounted in thermal contact with the rear end wall 17 of the housing. The downlight assembly is devoid of a separate conventional heat sink. The downlight assembly may be fire rated and may incorporate small ventilation holes. Electronic components may be situated in an annular space surrounding a lens or reflector of the assembly.

IPC 8 full level
F21S 8/02 (2006.01); **F21V 5/04** (2006.01); **F21V 7/04** (2006.01); **F21V 21/04** (2006.01); **F21V 23/00** (2015.01); **F21V 29/502** (2015.01)

CPC (source: EP GB US)
F21S 8/026 (2013.01 - EP GB US); **F21V 5/04** (2013.01 - EP US); **F21V 7/041** (2013.01 - EP); **F21V 21/047** (2013.01 - EP);
F21V 23/006 (2013.01 - EP); **F21V 29/502** (2015.01 - EP); **F21Y 2105/10** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP)

Citation (examination)

- GB 2509772 A 20140716 - KOSNIC UK LTD [GB]
- GB 2504133 A 20140122 - AURORA LTD [GB]

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

DOCDB simple family (publication)
GB 201521756 D0 20160127; GB 2545242 A 20170614; GB 2545242 B 20180801; AU 2016366819 A1 20180726;
AU 2016366819 B2 20190418; CN 209355087 U 20190906; CN 211600341 U 20200929; EP 3387322 A1 20181017; EP 3387322 B1 20220525;
EP 4056888 A1 20220914; WO 2017098487 A1 20170615

DOCDB simple family (application)
GB 201521756 A 20151210; AU 2016366819 A 20161215; CN 201690001556 U 20161215; CN 201921618131 U 20161215;
EP 16825892 A 20161215; EP 22167447 A 20161215; IB 2016057674 W 20161215