

Title (en)
Semi-built-in lighting apparatus with concentrated beam

Title (de)
Halbeingebauter Beleuchtungsapparat mit fokussiertem Bündel

Title (fr)
Appareil d'éclairage semi-encastré à faisceau concentré

Publication
EP 1591716 A3 20061018 (EN)

Application
EP 05103358 A 20050426

Priority
IT MI20040201 U 20040430

Abstract (en)
[origin: EP1591716A2] A semi-built-in lighting apparatus with concentrated beam (10) comprising a containment body or outer casing (13), which is housed in an opening (12) of a false ceiling (11), a bulb socket unit (14), with respective reflector (27), and an outer filling ring (16), in which apparatus the outer filling ring (16) foresees an inner seat (31) for housing at least one glass insert (32) and freely removable fastening means (19, 20) to the containment body or outer casing (13), a central cylindrical element (28, 29) with a limited diameter carrying at least one transparent piece of glass (36, 37) and being fixed in a central hole (33) of said at least one glass insert (32).

IPC 8 full level
F21S 8/02 (2006.01); **F21V 3/00** (2006.01); **F21V 21/04** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP)
F21S 8/02 (2013.01); **F21V 3/00** (2013.01); **F21V 21/04** (2013.01)

Citation (search report)

- [A] FR 2617946 A1 19890113 - PERCHE ETS [FR], et al
- [A] EP 1400746 A2 20040324 - AQUA SIGNAL AG [DE]
- [A] US 3158329 A 19641124 - WINCE VEARL S
- [A] DE 20310475 U1 20031016 - BARTENBACH CHRISTIAN [AT]

Cited by
GB2572682B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1591716 A2 20051102; EP 1591716 A3 20061018; EP 1591716 B1 20080423; AT E393356 T1 20080515; CN 100491811 C 20090527; CN 1702371 A 20051130; DE 602005006189 D1 20080605; DE 602005006189 T2 20090618; DK 1591716 T3 20080825; ES 2306011 T3 20081101; IT MI20040201 U1 20040730; NO 20052126 D0 20050429; NO 20052126 L 20051031; PL 1591716 T3 20081031; PT 1591716 E 20080722; SI 1591716 T1 20081031

DOCDB simple family (application)
EP 05103358 A 20050426; AT 05103358 T 20050426; CN 200510078361 A 20050429; DE 602005006189 T 20050426; DK 05103358 T 20050426; ES 05103358 T 20050426; IT MI20040201 U 20040430; NO 20052126 A 20050429; PL 05103358 T 20050426; PT 05103358 T 20050426; SI 200530322 T 20050426