

Title (en)
LIGHTING DEVICE AND CORRESPONDING METHOD

Title (de)
BELEUCHTUNGSVORRICHTUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)
DISPOSITIF D'ECLAIRAGE ET PROCEDE CORRESPONDANT

Publication
EP 3141798 A1 20170315 (EN)

Application
EP 16187393 A 20160906

Priority
IT UB20153578 A 20150911

Abstract (en)
A lighting device includes: - an annular support body (12), - a source carrier body (14) for carrying a light radiation source, for example of the LED type, and - a mechanism for coupling the source carrier body (14) to the annular support body (12). The coupling mechanism includes a plurality of flexible arms (142) extending radially outwardly of the source carrier body (14), said flexible arms (142) having distal engagement formations (16) for engaging complementary engagement formations (12b) on the support body (12). The flexible arms (142) are arranged in pairs of flexible arms (142) coupled bridge-like by flexible traction members (1420) to be drawn inwardly of the source carrier body (14) to flex the flexible arms (142) and permit engagement of the aforementioned distal engagement formations (16) with the complementary engagement formations (12b).

IPC 8 full level
F21S 8/02 (2006.01); **F21V 17/16** (2006.01); **F21V 21/04** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
F21S 8/026 (2013.01); **F21V 17/164** (2013.01); **F21V 21/045** (2013.01); **F21Y 2115/10** (2016.07)

Citation (applicant)
• DE 102005032265 A1 20070125 - SITECO BELEUCHTUNGSTECH GMBH [DE]
• EP 2372231 A1 201111005 - SITECO BELEUCHTUNGSTECH GMBH [DE]
• US 5868493 A 19990209 - WINKELHAKE WILLIAM [US]

Citation (search report)
• [A] FR 2617946 A1 19890113 - PERCHE ETS [FR], et al
• [A] EP 1106917 A2 20010613 - TARGETTI SANKEY SPA [IT]
• [A] US 2014140075 A1 20140522 - SCHMITT ROBERT [US], et al

Cited by
CH714274A1; US11156344B2; WO2019238632A1

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 3141798 A1 20170315; EP 3141798 B1 20181114; IT UB20153578 A1 20170311

DOCDB simple family (application)
EP 16187393 A 20160906; IT UB20153578 A 20150911