

Title (en)

A LIGHTING DEVICE AND CORRESPONDING METHOD

Title (de)

BELEUCHTUNGSVORRICHTUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF D'ÉCLAIRAGE ET PROCÉDÉ CORRESPONDANT

Publication

EP 3153767 A1 20170412 (EN)

Application

EP 16192210 A 20161004

Priority

IT UB20154167 A 20151005

Abstract (en)

A lighting device includes: - an annular support body (12), - a source carrier body (14) for carrying a light radiation source (L), e.g. a LED source, and - a hinging mechanism of the source carrier body (14) to the support body (12), whereby the source carrier body (14) is tiltable with respect to the support body (12) about a transverse axis (X 24) of the support body (12). The hinging mechanism includes opposed pin formations (16) received into complementary cavities (18), wherein: - at least one of said cavities (18) is a channel-shaped cavity, with one of the pin formations (16) retained in the channel-shaped cavity (18), and - a gasket (160) of elastomeric material is set between said channel-shaped cavity (18) and the pin formation (16) retained therein, to frictionally counter relative movement of pin formation (16) with respect to channel-shaped cavity (18).

IPC 8 full level

F21S 8/02 (2006.01); **F21V 21/30** (2006.01); **F21V 17/16** (2006.01)

CPC (source: EP)

F21S 8/026 (2013.01); **F21V 21/30** (2013.01); **F21V 17/16** (2013.01)

Citation (applicant)

- DE 102005031173 A1 20070111 - SITECO BELEUCHTUNGSTECH GMBH [DE]
- DE 10216761 A1 20031030 - SITECO BELEUCHTUNGSTECH GMBH [DE]

Citation (search report)

- [X] WO 2015147653 A1 20151001 - SG ARMATUREN AS [NO]
- [X] US 7320533 B1 20080122 - BEADLE JOSHUA Z [US]
- [A] CN 202281145 U 20120620 - HE SHIYOU
- [A] CN 104006338 A 20140827 - WU LIANGJU
- [A] ES 2256604 T3 20060716 - BA RO GMBH & CO KG

Cited by

US11454377B2; US12022819B2; USD1030111S

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

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