

Title (en)

LIGHTING KIT FOR ATTACHING TO A CURVED SUPPORT SURFACE OR SUPPORT STRUCTURE

Title (de)

BELEUCHTUNGSKIT ZUR BEFESTIGUNG AN EINER GEKRÜMMTEN TRAGFLÄCHE ODER TRÄGERSTRUKTUR

Title (fr)

KIT D'ÉCLAIRAGE DESTINÉ À ÊTRE FIXÉ À UNE SURFACE DE SUPPORT OU À UNE STRUCTURE DE SUPPORT INCURVÉE

Publication

**EP 4339507 A1 20240320 (EN)**

Application

**EP 23197932 A 20230918**

Priority

BE 202205740 A 20220916

Abstract (en)

Lighting kit (1) configured to be attached to a support surface (5), wherein the kit (1) comprises at least a printed circuit board (2) comprising light-emitting diodes and at least a first and second elongate extruded support profile (3) made of silicone rubber, wherein the lighting kit (1) furthermore comprises coupling means which are configured to connect juxtaposed support profiles (3) to each other, wherein a connecting seam is formed between adjoining support profiles in the connected position, characterized in that said printed circuit board (2) is enclosed by a housing (12) made of silicone rubber, wherein said housing (12) comprises cable bushing elements (11) which are non-releasably arranged at the location of the ends of the housing (12), which cable bushing elements (11) are configured to electrically connect the printed circuit boards (2) of juxtaposed support profiles (3) to each other, wherein each support profile comprises a receiving cavity (4) which extends in the longitudinal direction of the support profile (3) and which is configured to accommodate said housing (12) with the printed circuit board (2), so that one part of the housing (12) extends in the receiving cavity of the first support profile and the other part of the housing (12) extends in the receiving cavity of the second support profile.

IPC 8 full level

**F21S 4/22** (2016.01); **F21S 2/00** (2016.01); **F21V 15/01** (2006.01); **F21V 21/005** (2006.01); **F21W 131/10** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

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Citation (applicant)

- CN 213299691 U 20210528 - SHENZHEN LEDMY PHOTOELECTRIC CO LTD
- DE 102016003733 A1 20170504 - DIEHL AEROSPACE GMBH [DE]
- EP 3594558 A1 20200115 - OSRAM GMBH [DE], et al

Citation (search report)

- [I] EP 3594558 A1 20200115 - OSRAM GMBH [DE], et al
- [A] CN 213299691 U 20210528 - SHENZHEN LEDMY PHOTOELECTRIC CO LTD
- [A] DE 102016003733 A1 20170504 - DIEHL AEROSPACE GMBH [DE]
- [A] CN 209960265 U 20200117 - GUANGZHOU SHISE LIGHTING TECH CO LTD
- [A] EP 3312506 A1 20180425 - CLD GERMANY GMBH [DE], et al
- [A] CA 2882994 A1 20160824 - MOITA JOSE M [CA]

Designated contracting state (EPC)

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