

Title (en)

Watertight LED profile light

Title (de)

Wasserdampfdichte LED-Profil-Leuchte

Title (fr)

Lampe à profil DEL étanche

Publication

EP 2685157 A2 20140115 (DE)

Application

EP 13405078 A 20130628

Priority

- CH 10592012 A 20120709
- CH 6432013 A 20130321

Abstract (en)

The LED lamp (20) has a heat sink (2), and LED strip (1) which is attached in the heat sink. The heat sink and LED strip are encapsulated in a flexible translucent covering tube (3). The translucent covering tube is made of perfluoralkoxy copolymer (PFA) or ethylene/tetrafluoroethylene copolymer (ETFE). The wall thickness of translucent covering tube is 0.2-1 mm. An independent claim is included for a method for manufacturing LED lamp.

Abstract (de)

Wasserdampfdichte, chemikalienresistente, witterungs- und temperaturschlagbeständige, gefrierfeste LED-Rohrleuchte (20) mit variablen, leistungsabhängigen direkt schliessenden Kühlkörper-Profilen (2).

IPC 8 full level

F21S 31/04 (2006.01); **F21S 4/00** (2006.01); **F21K 99/00** (2010.01); **F21V 3/00** (2015.01); **F21V 3/04** (2006.01); **F21V 29/00** (2015.01); **F21V 31/00** (2006.01); **F21Y 101/02** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)

F21S 4/20 (2016.01 - EP US); **F21V 31/04** (2013.01 - EP); **F21K 9/90** (2013.01 - EP US); **F21V 3/062** (2018.01 - EP); **F21V 29/506** (2015.01 - EP); **F21V 29/713** (2015.01 - EP); **F21V 29/89** (2015.01 - EP); **F21V 31/005** (2013.01 - EP); **F21W 2131/401** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by

EP3130846A1; EP4375563A1

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 2685157 A2 20140115; EP 2685157 A3 20140212

DOCDB simple family (application)

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