

Title (en)  
EXTRUSION-TYPE TRI-PROOF LAMP

Title (de)  
EXTRUSIONSARTIGE FEUCHTRAUMLEUCHTE

Title (fr)  
LAMPE TRIPLE PROTECTION DE TYPE EXTRUSION

Publication  
**EP 4209705 A1 20230712 (EN)**

Application  
**EP 22154289 A 20220131**

Priority  
• CN 202210015030 A 20220107  
• CN 202220038501 U 20220107

Abstract (en)  
An extrusion-type tri-proof lamp comprises a lampshade (10), shell assemblies (20) disposed at two ends of the lampshade (10), and end cover assemblies (30) detachably mounted on the shell assemblies (20), wherein a slideway (40) and a heat sink (50) slidably connected to the slideway are disposed in the lampshade (10), a light source module (60) and a drive module (80) are disposed on the heat sink (50), the light source module (60) is connected to the drive module (80), the drive module (80) is connected to an external power source, a wiring board (100) and a mounting plate (90) are disposed on the back of the lampshade (10), the wiring board (100) is detachably connected to the mounting plate (90), a first water-proof ring (110) is disposed between the mounting plate (90) and the lampshade (10), the mounting plate (90) is provided with a wiring hole, and a second water-proof ring (120) is disposed in the wiring hole.

IPC 8 full level  
**F21S 4/28** (2016.01); **F21S 8/04** (2006.01); **F21V 15/01** (2006.01); **F21V 21/03** (2006.01); **F21V 23/00** (2015.01); **F21V 27/02** (2006.01); **F21V 31/00** (2006.01); **F21Y 103/10** (2016.01); **F21Y 107/00** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)  
**F21S 4/28** (2016.01); **F21S 8/04** (2013.01); **F21V 15/013** (2013.01); **F21V 21/03** (2013.01); **F21V 23/001** (2013.01); **F21V 23/006** (2013.01); **F21V 27/02** (2013.01); **F21V 31/005** (2013.01); **F21Y 2103/10** (2016.08); **F21Y 2107/00** (2016.08); **F21Y 2115/10** (2016.08)

Citation (search report)  
• [A] EP 3179164 A1 20170614 - MASS TECH (H K ) LTD [CN]  
• [A] CN 204005554 U 20141210 - NINGBO LONGER LIGHTING CO LTD  
• [A] CN 206786418 U 20171222 - CIXI SUPERSTARLUX CO LTD  
• [A] DE 202011051252 U1 20121210 - ZUMTOBEL LIGHTING GMBH [AT]  
• [A] CN 113847557 A 20211228 - ZHEJIANG KLITE LIGHTING HOLDINGS CO LTD

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4209705 A1 20230712; EP 4209705 B1 20240501; EP 4209705 C0 20240501**

DOCDB simple family (application)  
**EP 22154289 A 20220131**