

Title (en)
MOUNTING SHELL AND LED STREET LAMP

Title (de)
MONTAGESCHALE UND LED- STRASSENLEUCHTE

Title (fr)
COQUE DE MONTAGE ET RÉVERBÈRE À DEL

Publication
EP 3812655 A4 20220330 (EN)

Application
EP 19878944 A 20190107

Priority
• CN 201821779548 U 20181030
• CN 2019070583 W 20190107

Abstract (en)
[origin: EP3812655A1] Disclosed are a mounting shell (10) and an LED street lamp. The mounting shell (10) comprises: a shell (100) and a cover (200), wherein the cover (200) covers the shell (100) and can form a closed space; the shell (100) is provided with a slot (102), the slot (102) is provided with a stopping part (110) extending in the direction of the closed space, a first end of the cover (200) is provided with a clamping part (210) extending in the direction away from the cover (200), and the clamping part (210) is movably inserted into the slot (102) and movably abuts against a surface of the bottom, facing the slot (102), of the stopping part (110); and the shell (100) is provided with a fixing part (600), the fixing part (600) is used for allowing the cover (200) to be movably fixed on the fixing part (600) after the cover (200) is separated from the shell (100). A power supply assembly (300) of the LED street lamp is arranged in the closed space, a light source assembly (400) is arranged in a light source groove (401) formed in the mounting shell (10), and a lampshade (500) movably covers the edge of the light source groove (401) and movably seals the light source groove (401).

IPC 8 full level
F21V 17/10 (2006.01); **F21W 131/103** (2006.01)

CPC (source: EP)
F21S 8/086 (2013.01); **F21V 15/01** (2013.01); **F21V 17/002** (2013.01); **F21V 17/107** (2013.01); **F21V 23/023** (2013.01); **F21W 2131/103** (2013.01); **F21Y 2115/10** (2016.08)

Citation (search report)
• [Y] CN 206093797 U 20170412 - NINGBO XINGLAIDA LAMPS CO LTD
• [Y] CN 204922659 U 20151230 - HENAN NAIBO ELECTRIC TECHNOLOGY CO LTD
• [A] WO 2015063807 A1 20150507 - ENEL SOLE SRL [IT]
• [A] KR 20180091544 A 20180816 - E TECH LTD [KR]
• See also references of WO 2020087776A1

Cited by
WO2024110369A1

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

DOCDB simple family (publication)
EP 3812655 A1 20210428; **EP 3812655 A4 20220330**; AU 2019371560 A1 20210218; AU 2019371560 B2 20220609;
CN 208935937 U 20190604; WO 2020087776 A1 20200507

DOCDB simple family (application)
EP 19878944 A 20190107; AU 2019371560 A 20190107; CN 201821779548 U 20181030; CN 2019070583 W 20190107