

Title (en)  
LAMP

Title (de)  
LAMPE

Title (fr)  
LAMPE

Publication  
**EP 4160090 A1 20230405 (EN)**

Application  
**EP 22178236 A 20220609**

Priority  
CN 202122384385 U 20210929

Abstract (en)  
Disclosed is a lamp which includes: a body (1); a mounting plate (2) mounted with an electrical assembly (3) and having a clamping member (21) and an end provided with a first positioning groove (22); a clamping plate (4) fixed on the body (1); a positioning member (5) including a positioning plate (6) fixed on the body (1) and a knob (7) movable along a vertical direction and rotatable around an axis of the knob (7). The knob (7) is provided with a first protrusion (71) to engage with the first positioning groove (22) and drive the clamping member (21) to abut against the clamping plate (4). The installation and disassembly of the electrical assembly (3) are greatly facilitated. The electrical assembly (3) can be quickly taken out and replaced with a new electrical assembly (3). The electrical assembly (3) can be installed or disassembled without removing the lamp from the lamp's installation position. Thus, the maintenance efficiency of the lamp is greatly improved.

IPC 8 full level  
**F21V 23/02** (2006.01); **F21S 8/08** (2006.01); **F21V 17/00** (2006.01); **F21V 23/00** (2006.01); **F21W 131/103** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)  
**F21S 8/086** (2013.01); **F21V 17/002** (2013.01); **F21V 23/009** (2013.01); **F21V 23/026** (2013.01); **F21W 2131/103** (2013.01); **F21Y 2115/10** (2016.07)

Citation (search report)

- [A] CN 209386099 U 20190913 - NINGBO YAAI OPTOELECTRONICS TECH CO LTD
- [A] DE 202011001000 U1 20120731 - ZUMTOBEL LIGHTING GMBH [AT]
- [A] US 5691878 A 19971125 - AHN YOUNGKEE [US], et al

Cited by  
CN118640419A

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 4160090 A1 20230405**; **EP 4160090 B1 20240110**; **EP 4160090 C0 20240110**; CN 216047520 U 20220315

DOCDB simple family (application)  
**EP 22178236 A 20220609**; CN 202122384385 U 20210929