

Title (en)
LAMP AND DISMOUNTABLE INSTALLATION STRUCTURE THEREOF

Title (de)
LAMPE UND ZERLEGBARE INSTALLATIONSSTRUKTUR DAFÜR

Title (fr)
LAMPE ET STRUCTURE D'INSTALLATION DÉMONTABLE CORRESPONDANTE

Publication
EP 2730835 B1 20190116 (EN)

Application
EP 11835641 A 20111027

Priority
• CN 201010521561 A 20101027
• CN 201020577311 U 20101026
• CN 2011081447 W 20111027

Abstract (en)
[origin: EP2730835A1] A dismountable installation structure of a lamp comprising a claw component and a grip hook (7), said claw component and said grip hook being complementary. The claw component comprises a shell (1) and a pincer body (2) disposed inside of the shell (1). At one end of the pincer body (2) is disposed a pair of pincers (3) that is complementary to the grip hook (7). Disposed on the pincers (3) are a first guide block (4) and a second guide block (5). At either side of the first guide block (4) are disposed a first sliding groove (41) and a second sliding groove (42). A third sliding groove (43) is disposed between the first guide block (4) and a second guide block (5). Disposed on the shell (1) is a triggering rod (6) having a fixed end. The other end of the triggering rod (6) has a moving range allowing the end to slide to the third sliding groove (43) along the first sliding groove (41), and to slide to the second sliding groove (42) along the third sliding groove (43). Disposed between the shell (1) and the pincer body (2) is a reset spring (8). Also provided is a lamp that can utilize the dismountable installation structure. The dismountable installation structure and the lamp that utilizes the structure are simple in structure and enable ease of light source replacement.

IPC 8 full level
F21S 8/02 (2006.01); **F21V 17/06** (2006.01); **F21V 19/04** (2006.01); **F21V 17/16** (2006.01); **F21V 21/04** (2006.01)

CPC (source: EP)
F21S 8/02 (2013.01); **F21V 19/04** (2013.01); **F21V 17/162** (2013.01); **F21V 21/046** (2013.01)

Cited by
EP3557120A1; CN104654143A; CN111706803A; EP4354017A1; WO2016185299A1

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 2730835 A1 20140514; **EP 2730835 A4 20171101**; **EP 2730835 B1 20190116**; CN 102052645 A 20110511; CN 102052645 B 20121010; WO 2012055368 A1 20120503

DOCDB simple family (application)
EP 11835641 A 20111027; CN 201010521561 A 20101027; CN 2011081447 W 20111027