

Title (en)
Led road light

Title (de)
LED-Straßenlampe

Title (fr)
Lumière de route à DEL

Publication
EP 2447598 A1 20120502 (EN)

Application
EP 10013966 A 20101026

Priority
EP 10013966 A 20101026

Abstract (en)
An LED road light has a heat sink (10) embedded with an LED module (20), a base (30) and a light pole holder assembly (40). The base (30), the heat sink (10) and the light pole holder assembly (40) are assembled by slidably and respectively mounting ribs into slots. Accordingly, the contact area of such engagement is relatively larger than that using screws, thereby enhancing combined strength and extending the life duration of the LED road light. Besides, the engagement mechanism using ribs 31, 31a, 41 and slots 11, 11a, 32 also provide workers a convenient and time-saving assembling process.

IPC 8 full level
F21S 8/00 (2006.01); **F21S 8/08** (2006.01); **F21V 17/10** (2006.01); **F21V 29/00** (2006.01)

CPC (source: EP US)
F21S 8/086 (2013.01 - EP); **F21V 17/104** (2013.01 - EP US); **F21V 29/74** (2015.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [A] WO 2008125772 A1 20081023 - LYRACOM [FR], et al
- [A] US 2009073681 A1 20090319 - CHEN KUEI-FANG [TW]
- [A] US 2009168416 A1 20090702 - ZHANG WEN-XIANG [CN], et al

Cited by
DE102013104664A1; CN113606535A; CN104421861A; CN108730870A

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 2447598 A1 20120502

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