

Title (en)  
High power led street light structure

Title (de)  
Straßenlaternenstruktur mit Hochleistungs-LED

Title (fr)  
Structure de lampadaire à diodes haute puissance

Publication  
**EP 2292973 B1 20140409 (EN)**

Application  
**EP 10175298 A 20100903**

Priority  
CN 200920173457 U 20090903

Abstract (en)  
[origin: EP2292973A1] Street light, particularly a high power LED light, where a multi-sided body (7), ranging from 4 to 12 sides, is used to house LED lights (6) and then connected to PCB inside a main chassis, connected by a heat ring. This type of high power LED street light provides a simple design for lost-cost production of street lighting that is long-lasting and results in low maintenance cost to the use and care of such street lighting.

IPC 8 full level  
**F21V 31/00** (2006.01); **F21K 99/00** (2010.01); **F21V 29/00** (2006.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21V 29/74** (2015.01 - EP); **F21V 29/76** (2015.01 - EP); **F21V 29/777** (2015.01 - EP); **F21V 31/005** (2013.01 - EP); **F21V 29/89** (2015.01 - EP); **F21Y 2107/30** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
CN107002985A; CN103591499A; US11022258B2; WO2016090069A1; US9989240B2; US9775199B2

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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2292973 A1 20110309**; **EP 2292973 B1 20140409**; CN 201487724 U 20100526; ES 2479490 T3 20140724; ES 2479490 T8 20141106; HK 1142224 A2 20101126; JP 3163243 U 20101007; PL 2292973 T3 20141128

DOCDB simple family (application)  
**EP 10175298 A 20100903**; CN 200920173457 U 20090903; ES 10175298 T 20100903; HK 10107665 A 20100810; JP 2010004762 U 20100715; PL 10175298 T 20100903