

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 A1 20110309 (EN)

Application
EP 10175298 A 20100903

Priority
CN 200920173457 U 20090903

Abstract (en)
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)

Citation (search report)

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- [A] WO 2008070519 A2 20080612 - ABL IP HOLDING LLC [US], et al
- [A] US 2008316755 A1 20081225 - ZHENG SHI-SONG [CN], et al

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CN103591499A; CN107002985A; 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

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
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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