

Title (en)

STREETLANTERN, AND METHOD FOR RETROFITTING A STREETLANTERN

Title (de)

STRASSENLATERNE UND VERFAHREN ZUR UMRÜSTUNG EINER STRASSENLATERNE

Title (fr)

RÉVERBÈRE ET PROCÉDÉ D'ADAPTATION D'UN RÉVERBÈRE

Publication

**EP 2340390 A2 20110706 (DE)**

Application

**EP 09771474 A 20091019**

Priority

- DE 2009001447 W 20091019
- DE 102008054050 A 20081030

Abstract (en)

[origin: WO2010048922A2] A lantern is described that comprises a mast (2) and at least two light emitting diodes (4) which are designed to emit electromagnetic radiation (12) having different electromagnetic spectra (17, 19) during operation. The light emitting diodes (4) are mounted within or on the mast (2).

IPC 8 full level

**F21S 8/08** (2006.01); **E01F 9/615** (2016.01); **F21S 4/00** (2006.01); **F21S 6/00** (2006.01); **F21S 8/00** (2006.01); **F21V 19/00** (2006.01); **F21V 23/04** (2006.01); **F21V 31/00** (2006.01); **F21W 131/103** (2006.01); **F21W 131/109** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP KR US)

**E01F 9/617** (2016.02 - EP US); **F21S 6/006** (2013.01 - EP US); **F21S 8/00** (2013.01 - KR); **F21S 8/085** (2013.01 - EP US); **F21V 19/001** (2013.01 - EP US); **F21V 21/116** (2013.01 - KR); **F21V 23/04** (2013.01 - EP US); **F21V 31/005** (2013.01 - EP US); **H05B 45/20** (2020.01 - EP); **H05B 47/11** (2020.01 - EP); **H05B 47/16** (2020.01 - EP); **F21S 4/00** (2013.01 - EP US); **F21V 23/0442** (2013.01 - EP US); **F21W 2131/103** (2013.01 - EP KR US); **F21W 2131/109** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **Y02B 20/30** (2013.01 - EP); **Y02B 20/40** (2013.01 - EP); **Y10T 29/49716** (2015.01 - EP US)

Citation (search report)

See references of WO 2010048922A2

Designated contracting state (EPC)

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)

AL BA RS

DOCDB simple family (publication)

**DE 102008054050 A1 20100506**; CN 102197259 A 20110921; EP 2340390 A2 20110706; JP 2012507122 A 20120322; KR 20110093819 A 20110818; US 2012057341 A1 20120308; WO 2010048922 A2 20100506; WO 2010048922 A3 20100715

DOCDB simple family (application)

**DE 102008054050 A 20081030**; CN 200980142938 A 20091019; DE 2009001447 W 20091019; EP 09771474 A 20091019; JP 2011533532 A 20091019; KR 20117012249 A 20091019; US 200913127218 A 20091019