

Title (en)

Lighting fixtures with LED lights for illumination of outside public areas

Title (de)

Leuchten mit LED-Lampen zur Beleuchtung von öffentlichen Außenbereichen

Title (fr)

Appareils d'éclairage à DEL pour éclairer les lieux publics à l'extérieur

Publication

**EP 2058584 A1 20090513 (EN)**

Application

**EP 08075872 A 20081112**

Priority

NL 2000996 A 20071112

Abstract (en)

A first aspect concerns a lighting fixture which comprises: - a cover and a bottom plate mutually coupled to form an enclosure, said bottom plate having one or more through openings; - a carrier or circuit board placed inside said enclosure; - one or more LEDs, mechanically fixed to said circuit board and electrically connected to the circuit there defined, to emit light through said openings; and - one or more refractive optical elements fixed to the internal face of the bottom plate through the periphery of one of said through openings, intended to guide the light emitted by the LEDs to an illumination area on an illumination surface out of said enclosure. A second aspect of the invention relates to a street lamp which comprises the lighting fixture of the first aspect.

IPC 8 full level

**F21S 8/08** (2006.01); **F21V 5/04** (2006.01); **F21V 31/00** (2006.01); **F21W 131/103** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 8/086** (2013.01 - EP US); **F21V 3/04** (2013.01 - EP); **F21V 5/007** (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **F21V 5/10** (2018.01 - EP US); **F21V 17/107** (2013.01 - EP); **F21V 31/00** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21W 2131/105** (2013.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)

JP 2005116182 A 20050428 - RABO SUFIA KK

Citation (search report)

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Designated extension state (EPC)

AL BA MK RS

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DOCDB simple family (application)

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