

Title (en)
REFLECTOR FOR A STREETLAMP

Title (de)
REFLEKTOR FÜR EINE STRASSENLAMPE

Title (fr)
RÉFLECTEUR POUR RÉVERBÈRE

Publication
EP 2715218 A2 20140409 (DE)

Application
EP 12727110 A 20120523

Priority
• DE 102011102578 A 20110525
• DE 102011081349 A 20110822
• EP 2012059617 W 20120523

Abstract (en)
[origin: WO2012160101A2] The invention relates to a reflector for a streetlamp. The reflector comprises an opening for a lighting means and a reflector surface that extends away from the opening in a center beam direction without deflecting light of the lighting means along the center beam direction. The reflector surface is divided into bands in the center beam direction, which bands are continuously connected to each other along band edges. The band edges have at least one section that comprises curve segments that are continuously attached to each other in a differentiable manner, wherein the section has a first point at which a curvature vector of the section points inward and a second point at which the curvature vector of the section points outward.

IPC 8 full level
F21V 7/09 (2006.01); **F21S 2/00** (2006.01); **F21V 7/04** (2006.01); **F21V 23/04** (2006.01); **G02B 5/09** (2006.01)

CPC (source: EP US)
F21S 2/00 (2013.01 - EP US); **F21V 7/0025** (2013.01 - EP); **F21V 7/04** (2013.01 - EP US); **F21V 7/048** (2013.01 - EP); **F21V 7/09** (2013.01 - EP); **F21V 23/0442** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2113/10** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2012160101A2

Cited by
US11359792B2

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

DOCDB simple family (publication)
DE 102011081349 A1 20121129; CN 103748409 A 20140423; CN 103748409 B 20161109; EP 2715218 A2 20140409; EP 2715218 B1 20160706; WO 2012160101 A2 20121129; WO 2012160101 A3 20130502

DOCDB simple family (application)
DE 102011081349 A 20110822; CN 201280032272 A 20120523; EP 12727110 A 20120523; EP 2012059617 W 20120523