

Title (en)
Lighting device

Title (de)
Beleuchtungsanordnung

Title (fr)
Dispositif d'éclairage

Publication
EP 2881654 A2 20150610 (EN)

Application
EP 14196410 A 20120302

Priority
• US 201113040874 A 20110304
• EP 12157934 A 20120302

Abstract (en)
A lighting device includes a housing having an open end and a geometrical axis (310) and at least one light source (304) disposed along an optical axis (302), the optical axis (302) being at an angle with respect to the geometrical axis (310). The lighting device further includes at least two converging lenses (306, 314), wherein one converging lens is positioned to collect most of the light from a light source and another converging lens is positioned to close the open end of the signal lamp and distribute the light for a given specification.

IPC 8 full level
F21V 5/04 (2006.01); **G08G 1/095** (2006.01)

CPC (source: CN EP US)
F21V 5/008 (2013.01 - EP US); **F21V 5/04** (2013.01 - CN); **F21V 5/045** (2013.01 - EP US); **F21V 7/00** (2013.01 - CN);
F21W 2111/02 (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
US 5947587 A 19990907 - KEUPER MATTHIJS H [NL], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2495489 A2 20120905; **EP 2495489 A3 20140604**; CN 102679207 A 20120919; CN 105757469 A 20160713; EP 2881654 A2 20150610;
EP 2881654 A3 20150715

DOCDB simple family (application)
EP 12157934 A 20120302; CN 201210066223 A 20120305; CN 201610136271 A 20120305; EP 14196410 A 20120302