

Title (en)
Vehicle headlamp

Title (de)
Fahrzeugscheinwerfer

Title (fr)
Phare de véhicule

Publication
EP 2746646 A3 20180404 (EN)

Application
EP 13198551 A 20131219

Priority
JP 2012277242 A 20121219

Abstract (en)
[origin: EP2746646A2] There is provided a vehicle headlamp including: plural semiconductor light emitting elements (15) which are arranged in a left and right direction and each has a light emitting surface; plural first reflectors each provided for corresponding one of the semiconductor light emitting elements (15), each including: a first upper reflector (18u) on an upper side of the light emitting surface; a first lower reflector (18d) on a lower side of the light emitting surface; a first right reflector (18r) on a right side of the light emitting surface; and a first left reflector (18l) on a left side of the light emitting surface, a projection lens which projects light emitted from the semiconductor light emitting elements (15) toward a outside region. A reflection surface of the first right reflector (18r) and a reflection surface of the first left reflector (18l) are formed as a flat surface.

IPC 8 full level
F21W 107/10 (2018.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/25** (2017.12 - EP); **F21S 41/321** (2017.12 - EP);
F21S 41/335 (2017.12 - EP); **F21S 41/663** (2017.12 - EP US); **F21S 45/435** (2017.12 - EP US); **F21Y 2103/10** (2016.07 - EP US)

Citation (search report)
• [XY] EP 2500628 A2 20120919 - STANLEY ELECTRIC CO LTD [JP]
• [XY] EP 2103867 A2 20090923 - KOITO MFG CO LTD [JP]
• [X] WO 2009130655 A2 20091029 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
• [Y] DE 102009037698 A1 20100325 - STANLEY ELECTRIC CO LTD [JP]
• [Y] WO 2011132111 A2 20111027 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

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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

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JP 2014120452 A 20140630; JP 6105919 B2 20170329

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