

Title (en)
LED projection module for a vehicle headlight

Title (de)
LED-Projektionsmodul für einen Fahrzeugscheinwerfer

Title (fr)
Module de projection à DEL pour un phare de véhicule

Publication
EP 2390561 B1 20180110 (DE)

Application
EP 11167819 A 20110527

Priority
DE 102010021937 A 20100528

Abstract (en)
[origin: EP2390561A1] The light emitting diode projection module (10) has a high beam module (11) provided with a light emitting diode source of light (12) for sending high beam over a light output surface (11a). The distance of the light output surface for projection lens (15) is smaller than the distance of another light output surface (13a) for the projection lens along an optical axis (16). A boundary surface (17) of the high beam module is extended before the latter light output surface.

IPC 8 full level
F21V 5/00 (2018.01); **F21V 11/16** (2006.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/24** (2017.12 - EP); **F21S 41/255** (2017.12 - EP);
F21S 41/322 (2017.12 - EP); **F21S 41/43** (2017.12 - EP US)

Cited by
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AT512246A1; AT512246B1; AT518552A4; AT518552B1; US9611997B2; US9719645B2; US9732924B2; EP3115683A1; FR3038696A1;
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US11274802B2; US11686448B1; US11719410B2; US10766399B2; DE102021100197A1; US9664352B2; US10161588B2; AT517752A1;
AT517752B1; AT519462A4; AT519462B1; JP2018527724A; EP3457024A1; US10557608B2; US11035537B2; WO2014072003A1;
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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

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