

Title (en)  
HEAD LAMP FOR VEHICLE

Title (de)  
SCHEINWERFER FÜR FAHRZEUG

Title (fr)  
PHARE POUR VÉHICULE

Publication  
**EP 2998646 A1 20160323 (EN)**

Application  
**EP 15185469 A 20150916**

Priority  
JP 2014191447 A 20140919

Abstract (en)  
Provided is a head lamp for a vehicle having a lamp body that can be downsized by efficiently housing a resistance circuit that reduces variations in light amounts among LEDs. In a head lamp 1 for a vehicle in which LED substrates 40 and 50 are housed inside a lamp body, a resistivity substrate 30 that is arranged separately from the LED substrates 40 and 50, and has a plurality of resistances and functions as a driving circuit that adjusts drive currents of LED light sources 42 and 52 is disposed inside the lamp body. The LED substrates 40 and 50 consist of a low beam-side LED substrate 40 that supports low beam-side LED light sources 42 and a high beam-side LED substrate 50 that supports high beam-side LED light sources 52, the low beam-side LED substrate 40 and the high beam-side LED substrate 50 are oriented to be parallel to each other and horizontally, and are offset-disposed in the vehicle front-rear direction, and the resistivity substrate 30 is disposed so as to be oriented vertically at a position between the rear end of the LED substrate 40 on the vehicle body front side and the rear end of the LED substrate 50 on the vehicle body rear side.

IPC 8 full level  
**F21S 8/10** (2006.01)

CPC (source: EP US)  
**F21S 41/148** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP US)

Citation (applicant)  
JP H0420450 A 19920124 - KANZAKI PAPER MFG CO LTD

Citation (search report)  
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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

DOCDB simple family (publication)  
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