

Title (en)
Vehicle headlight

Title (de)
Fahrzeugscheinwerfer

Title (fr)
Phare de véhicule

Publication
EP 2053304 A1 20090429 (EN)

Application
EP 08018412 A 20081021

Priority
JP 2007277169 A 20071025

Abstract (en)
A vehicle headlight (10) with a simple configuration is provided which can suppress or prevent the generation of any glare light occurring due to the reflection by a second reflecting surface (13) provided near the lower area of a first reflecting surface (12). The vehicle headlight (10) includes a light source (11), a first reflecting surface (12) disposed behind the light source (11) so as to reflect light from the light source (11) to an illumination direction, the first reflecting surface (12) having a focus (F) at or near the position of the light source (11) and a center axis (O) along the illumination direction and being concave toward the illumination direction; and a second reflecting surface (13, 13a) extending at least adjacent to an edge of the first reflecting surface (12). At least part of the second reflecting surface (13, 13a) is inclined in right and left directions so as to reflect and diffuse light (L2), that is emitted from the light source (11) frontward and downward and incident thereon, in right and left directions to the outside.

IPC 8 full level
F21V 7/00 (2006.01); **F21S 8/10** (2006.01)

CPC (source: EP)
F21S 41/336 (2017.12)

Citation (applicant)
• US 5055981 A 19911008 - NINO NAOHI [JP]
• WO 8706997 A1 19871119 - DURACELL INT [US]

Citation (search report)
• [X] US 5055981 A 19911008 - NINO NAOHI [JP]
• [X] WO 8706997 A1 19871119 - DURACELL INT [US]

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA MK RS

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EP 2053304 A1 20090429; EP 2053304 B1 20141217; JP 2009123689 A 20090604; JP 5149764 B2 20130220

DOCDB simple family (application)
EP 08018412 A 20081021; JP 2008269296 A 20081020