

Title (en)
Vehicle headlamp

Title (de)
Fahrzeugscheinwerfer

Title (fr)
Phare de véhicule

Publication
EP 2228593 A2 20100915 (EN)

Application
EP 10156398 A 20100312

Priority
JP 2009060328 A 20090312

Abstract (en)
A vehicle headlamp (10) is provided with a movable shade (20). The movable shade (20) includes a large thickness portion (20A). When the movable shade (20) positions at a light shading position, the large thickness portion (20A) positions in a vicinity of the optical axis (Ax), an upper end face (20Aa) of the large thickness portion (20A) has a concave-curved section shape in a vertical plane parallel to the optical axis (Ax), a rear focal point (F) of a projection lens (18) positions between a front end edge (20Aa1) and a rear end edge (20Aa2) of the upper end face (20Aa), and the front end edge (20Aa1) passes through the optical axis (Ax).

IPC 8 full level
F21V 7/00 (2006.01); **F21S 8/10** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP)
F21S 41/43 (2017.12); **F21S 41/689** (2017.12); **F21V 7/00** (2013.01); **F21W 2102/18** (2017.12)

Citation (applicant)
• JP S62195802 A 19870828 - ICHIKOH INDUSTRIES LTD
• JP 2003257218 A 20030912 - KOITO MFG CO LTD
• JP H0566806 U 19930903

Cited by
CN106958784A; EP2784375A3

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2228593 A2 20100915; **EP 2228593 A3 20150311**; **EP 2228593 B1 20160727**; JP 2010218689 A 20100930; JP 5618312 B2 20141105

DOCDB simple family (application)
EP 10156398 A 20100312; JP 2009060328 A 20090312