

Title (en)  
PROJECTION HEADLIGHT

Title (de)  
PROJEKTIONSSCHEINWERFER

Title (fr)  
PHARE DE PROJECTION

Publication  
**EP 3792548 A1 20210317 (EN)**

Application  
**EP 19196352 A 20190910**

Priority  
EP 19196352 A 20190910

Abstract (en)  
A projection headlight includes a reflecting mirror (2), a light shield (3), a reflector (5), a lens (6) and a light emitting unit (7). The reflecting mirror (2) includes a first reflective surface unit (23). The light shield (3) is disposed in the reflecting mirror (2) and includes a second reflective surface unit (31) facing rearwardly. The reflector (5) is disposed behind the light shield (3) and includes a third reflective surface unit (51) facing forwardly. The light emitting unit (7) is disposed behind the light shield (3), and emits a light beam reflected by the first reflective surface unit (23) toward the second reflective surface unit (31), and then reflected by the second reflective surface unit (31) toward the third reflective surface unit (51) to be projected forwardly through the lens (6) .

IPC 8 full level  
**F21S 41/148** (2018.01); **F21S 41/255** (2018.01); **F21S 41/32** (2018.01); **F21S 41/36** (2018.01); **F21S 41/365** (2018.01); **F21S 41/40** (2018.01); **F21S 41/43** (2018.01); **F21S 41/663** (2018.01); **F21S 45/47** (2018.01); **F21S 45/48** (2018.01)

CPC (source: EP)  
**F21S 41/148** (2017.12); **F21S 41/255** (2017.12); **F21S 41/32** (2017.12); **F21S 41/321** (2017.12); **F21S 41/36** (2017.12); **F21S 41/365** (2017.12); **F21S 41/43** (2017.12); **F21S 41/663** (2017.12); **F21S 45/48** (2017.12)

Citation (search report)

- [XAYI] JP 2011100583 A 20110519 - KOITO MFG CO LTD
- [XAYI] JP 2004172104 A 20040617 - ICHIKOH INDUSTRIES LTD
- [X] JP 2008112664 A 20080515 - ICHIKOH INDUSTRIES LTD
- [Y] EP 2196727 A1 20100616 - KOITO MFG CO LTD [JP]
- [Y] US 2015338047 A1 20151126 - HONDA TAKAHIKO [JP]

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)  
**EP 3792548 A1 20210317**; **EP 3792548 B1 20221116**

DOCDB simple family (application)  
**EP 19196352 A 20190910**