

Title (en)
HEADLIGHT

Title (de)
SCHEINWERFER

Title (fr)
PROJECTEUR

Publication
EP 1663708 A1 20060607 (DE)

Application
EP 04740637 A 20040703

Priority
• EP 2004007299 W 20040703
• DE 10344130 A 20030924

Abstract (en)
[origin: DE10344130A1] The headlamp has a light source (3) mounted before a reflector (2) and a light conductor in the form of an elongated light output coupling element (10) that is adjacent to an edge of the reflector at least in some areas and has a light outlet surface facing away from the reflector. The inner side (5) of the reflector facing the light source is formed at least on some regions to form a first focal point (F1) at the position of the first light source and light from the source is reflected to a light entry surface (9) of the light output coupling element facing away from the light outlet surface (12).

IPC 1-7
B60Q 1/00; **F21S 8/12**

IPC 8 full level
F21S 8/12 (2006.01); **F21S 8/10** (2006.01); **F21W 107/00** (2018.01)

CPC (source: EP US)
B60Q 1/0052 (2013.01 - EP US); **F21S 41/24** (2017.12 - EP US); **B60Q 2400/30** (2013.01 - EP US); **F21S 41/14** (2017.12 - EP US)

Citation (search report)
See references of WO 2005039924A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 10344130 A1 20050421; EP 1663708 A1 20060607; JP 2007507066 A 20070322; US 2006227568 A1 20061012; US 7367702 B2 20080506; WO 2005039924 A1 20050506

DOCDB simple family (application)
DE 10344130 A 20030924; EP 04740637 A 20040703; EP 2004007299 W 20040703; JP 2006527284 A 20040703; US 38678606 A 20060323