

Title (en)
Dipped and main beam headlamp for vehicle

Title (de)
Scheinwerfer für Fahrzeuge für Abblendlicht und Fernlicht

Title (fr)
Projecteur croisement-route pour véhicule

Publication
EP 0936401 A3 20010328 (DE)

Application
EP 98122225 A 19981123

Priority
DE 19805660 A 19980212

Abstract (en)
[origin: EP0936401A2] The automobile headlamp has a light source (16) displaced along the optical axis (11) relative to a rear reflector (10) via a setting element (46) and moved vertically between a main headlamp beam position and a dipped headlamp beam position, with a pair of light stops (32) positioned on opposite the sides of the light source for defining the upper limit of the beam in the dipped headlamp beam position.

IPC 1-7
F21M 3/22; **F21M 3/14**; **F21M 3/10**; **H01J 61/35**

IPC 8 full level
F21S 8/10 (2006.01); **F21V 11/16** (2006.01); **F21V 14/02** (2006.01)

CPC (source: EP US)
F21S 41/172 (2017.12 - EP US); **F21S 41/43** (2017.12 - EP); **F21S 41/657** (2017.12 - EP US)

Citation (search report)
• [AD] DE 4435507 A1 19960411 - BOSCH GMBH ROBERT [DE]
• [A] US 5671995 A 19970930 - SERIZAWA HIROYUKI [JP], et al
• [A] US 5673990 A 19971007 - NEUMANN RAINER [DE], et al
• [A] US 5047902 A 19910910 - NEUMANN RAINER [DE], et al

Cited by
FR2810100A1; CZ297958B6; CN113339746A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0936401 A2 19990818; **EP 0936401 A3 20010328**; **EP 0936401 B1 20051207**; DE 19805660 A1 19990819; DE 59813262 D1 20060112

DOCDB simple family (application)
EP 98122225 A 19981123; DE 19805660 A 19980212; DE 59813262 T 19981123