

Title (en)  
Vehicle headlamp

Title (de)  
Scheinwerfer für Fahrzeuge

Title (fr)  
Phare

Publication  
**EP 0992738 A3 20020130 (DE)**

Application  
**EP 99119737 A 19991005**

Priority  
DE 19846542 A 19981009

Abstract (en)  
[origin: EP0992738A2] The headlamp unit has a cup-shaped light shield (2) positioned between a rear reflector (1) and a lamp glass for covering the light bulb (3) and shielding the direct light emitted by the latter. The light shield has a base (4) provided by a cover attached to a double-walled peripheral sidewall (5) attached to the rear reflector via a support element. The outer wall (9) of the peripheral sidewall and the cover of the light shield are formed from a single sheet metal blank.

IPC 1-7  
**F21V 11/16**

IPC 8 full level  
**F21V 11/16** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP)  
**F21S 41/435** (2017.12); **F21S 41/47** (2017.12); **F21W 2103/10** (2017.12)

Citation (search report)

- [Y] GB 1301768 A 19730104
- [Y] US 5567033 A 19961022 - TANAKA TOSHIO [JP], et al
- [PY] EP 0942223 A2 19990915 - EATON CORP [US]
- [Y] US 5067054 A 19911119 - OSHIO HIROHIKO [JP], et al
- [Y] US 5702173 A 19971230 - KAWAMURA NAOSHI [JP]

Cited by  
CZ303843B6; EP1655537A1; FR2877712A1; EP1233284A1

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 0992738 A2 20000412; EP 0992738 A3 20020130; EP 0992738 B1 20060524**; DE 19846542 A1 20000420; DE 19846542 C2 20030417; DE 59913455 D1 20060629; ES 2264233 T3 20061216

DOCDB simple family (application)  
**EP 99119737 A 19991005**; DE 19846542 A 19981009; DE 59913455 T 19991005; ES 99119737 T 19991005