

Title (en)  
Headlamp for a vehicle

Title (de)  
Scheinwerfer für ein Kraftfahrzeug

Title (fr)  
Projecteur pour un véhicule

Publication  
**EP 1541414 B1 20110302 (DE)**

Application  
**EP 04027363 A 20041118**

Priority  
• DE 10358765 A 20031212  
• DE 102004017448 A 20040408

Abstract (en)  
[origin: EP1541414A2] The motor vehicle headlamp (1) has a light source (3) in a housing and an annular light outlet opening (6) for light generated by the light source to emanate. The light outlet opening has an inner radius (RI) and an outer radius (RA), whereby the inner radius is at least half the outer radius. Light in a visible range with a power level of at least 5 Watts can be output via the light output opening. An independent claim is also included for a motor vehicle with an inventive headlamp.

IPC 8 full level  
**B60Q 1/00** (2006.01); **F21S 8/12** (2006.01); **F21V 7/00** (2006.01); **F21V 11/16** (2006.01)

CPC (source: EP)  
**F21S 41/332** (2018.01); **F21S 41/335** (2018.01); **F21S 41/43** (2018.01)

Cited by  
CN107091447A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1541414 A2 20050615; EP 1541414 A3 20081001; EP 1541414 B1 20110302**; AT E500092 T1 20110315; DE 102004017448 A1 20050721; DE 502004012252 D1 20110414; ES 2362277 T3 20110630

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