

Title (en)  
Headlamp for vehicles

Title (de)  
Scheinwerfer für Fahrzeuge

Title (fr)  
Phare pour véhicules

Publication  
**EP 2381166 A3 20120321 (DE)**

Application  
**EP 11160809 A 20110401**

Priority  
AT 6592010 A 20100422

Abstract (en)  
[origin: EP2381166A2] The headlight has a reflector, a lens and a screen shaft arranged between the reflector and the lens. The screen shaft has a lateral area with an arrangement for forming a caustic line area for two or multiple caustic lines for dimmed light in circumferential direction, i.e. in rotational direction, in a defined rotational angle area. The screen shaft has an elevation unit (80) opposite to a caustic line sections of neighboring caustic lines for dimmed light in an area of the caustic line section of the caustic line for dimmed light.

IPC 8 full level  
**F21V 14/08** (2006.01); **F21V 14/06** (2006.01)

CPC (source: EP)  
**F21S 41/635** (2017.12); **F21S 41/698** (2017.12); **F21V 14/06** (2013.01)

Citation (search report)  
• [A] EP 2157362 A1 20100224 - HELLA KGAA HUECK & CO [DE]  
• [A] DE 102008001094 A1 20081127 - ZIZALA LICHTSYSTEME GMBH [AT]

Cited by  
CN106813186A

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 2381166 A2 20111026; EP 2381166 A3 20120321; EP 2381166 B1 20130807**; AT 509829 A1 20111115; AT 509829 B1 20120915; CN 102252249 A 20111123; CN 102252249 B 20141022

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**EP 11160809 A 20110401**; AT 6592010 A 20100422; CN 201110107860 A 20110422