

Title (en)  
HEADLIGHT LENS FOR A MOTOR VEHICLE HEADLIGHT

Title (de)  
SCHEINWEFERLINSE FÜR EINEN KRAFTFAHZEUGSCHEINWERFER

Title (fr)  
LENTILLE POUR PHARE DE VEHICULE AUTOMOBILE

Publication  
**EP 1726001 B1 20090415 (DE)**

Application  
**EP 05707605 A 20050224**

Priority  
• EP 2005001931 W 20050224  
• DE 102004011104 A 20040307

Abstract (en)  
[origin: WO2005086125A1] The invention relates to a headlight lens (30, 30A, 50, 60, 80) for a motor vehicle headlight (1) comprising a light source (10), particularly for a motor vehicle headlight, and comprising a vehicle headlight (1), particularly a motor vehicle headlight comprising a light source (10) and a headlight lens (30, 30A, 50, 60, 80). The headlight lens (30, 30A, 50, 60, 80) comprises a lens body (3), which is made of a transparent material and which has a surface (5) to be turned toward the light source (10) and a surface (4) to be turned away from the light source (10). The headlight lens (230, 30A, 50, 60, 80) has, on the surface (5) to be turned toward the light source (10), an emblem (31, 31A, 51, 61, 81) with a base surface (35, 35A, 90) that is slanted with regard to the surface (5) to be turned toward the light source (10) or with regard to an optical axis (38, 38A, 88) of the headlight lens (30, 30A, 50, 60, 80) in such a manner that light entering the lens body (3) via the surface (4), which is to be turned away from the light source (10), along the optical axis (38, 38A, 88) of the headlight lens (30, 30A, 50, 60, 80) is subject to a total reflection on the base surface (35, 35A, 90).

IPC 8 full level  
**G09F 13/04** (2006.01); **B60Q 1/04** (2006.01); **B60R 13/00** (2006.01); **F21V 5/00** (2006.01); **G02B 3/00** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)  
**F21S 41/255** (2017.12 - EP US); **F21S 41/275** (2017.12 - EP US)

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

DOCDB simple family (publication)  
**WO 2005086125 A1 20050915**; AT E429008 T1 20090515; DE 102004011104 A1 20050929; DE 502005007088 D1 20090528; EP 1726001 A1 20061129; EP 1726001 B1 20090415; JP 2007528107 A 20071004; JP 4688863 B2 20110525; US 2005207164 A1 20050922; US 7303319 B2 20071204

DOCDB simple family (application)  
**EP 2005001931 W 20050224**; AT 05707605 T 20050224; DE 102004011104 A 20040307; DE 502005007088 T 20050224; EP 05707605 A 20050224; JP 2007502222 A 20050224; US 7498405 A 20050307