

Title (en)  
Incandescent lamp for vehicle headlamp

Title (de)  
Elektrische Glühlampe für Fahrzeugscheinwerfer

Title (fr)  
Lampe à incandescence pour phare de véhicule

Publication  
**EP 1667202 A1 20060607 (DE)**

Application  
**EP 05016086 A 20050725**

Priority  
DE 102004040417 A 20040819

Abstract (en)  
The lamp has a frustoconical incandescent filament (2) arranged inside a transparent lamp vessel (10), where an outside diameter of the filament increases continuously starting from a minimum value at an incandescent filament end up to a maximum value at another incandescent filament end. The incandescent filament has an outer contour that substantially corresponds to a surface of a conical frustum.

IPC 8 full level  
**H01K 1/14** (2006.01)

CPC (source: EP KR US)  
**H01K 1/14** (2013.01 - EP US); **H01K 7/02** (2013.01 - EP US); **H01K 9/08** (2013.01 - EP KR US)

Citation (applicant)  
US 5508587 A 19960416 - WILLIAMS RONALD R [US], et al

Citation (search report)  
• [X] DE 807520 C 19510628 - LEITZ ERNST GMBH  
• [X] US 1859601 A 19320524 - RICE GEORGE D  
• [AD] US 5508587 A 19960416 - WILLIAMS RONALD R [US], et al  
• [A] GB 1017828 A 19660119 - GEN ELECTRIC CO LTD  
• [A] EP 1104010 A1 20010530 - USHIO ELECTRIC INC [JP]

Cited by  
US8011798B2; WO2008101832A1; EP2465134B1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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KR 20060053115 A 20060519; US 2006038471 A1 20060223

DOCDB simple family (application)  
**DE 102004040417 A 20040819**; CN 200510092089 A 20050819; EP 05016086 A 20050725; JP 2005237943 A 20050818;  
KR 20050075765 A 20050818; US 19736105 A 20050805