

Title (en)
LIGHT BULB COMPRISING AN ILLUMINATION BODY THAT CONTAINS CARBIDE

Title (de)
GLÜHLAMPE MIT CARBIDHALTIGEM LEUCHTKÖRPER

Title (fr)
LAMPE À INCANDESCENCE À ÉLÉMENT LUMINEUX CONTENANT DU CARBURE

Publication
EP 1769527 A1 20070404 (DE)

Application
EP 05763836 A 20050706

Priority
• DE 2005001199 W 20050706
• DE 102004034787 A 20040719

Abstract (en)
[origin: WO2006007815A1] The invention relates to a light bulb (1) comprising an illumination body (7), which is inserted, together with a filler material, into a bulb (2) in a vacuum-tight manner. The illumination body (7) has a metal carbide, whose melting point lies above that of tungsten. The current supply (10) is configured in two parts from a first section (6) and a second section (15). The first section is configured integrally with the illumination body (7) and consists of a wire and the second section, which functions as the actual current supply (15) is produced from a highly heat-resistant material.

IPC 8 full level
H01K 1/06 (2006.01); **H01K 1/04** (2006.01); **H01K 1/10** (2006.01); **H01K 1/20** (2006.01); **H01K 1/22** (2006.01); **H01K 3/06** (2006.01)

CPC (source: EP US)
H01K 1/04 (2013.01 - EP US); **H01K 1/10** (2013.01 - EP US); **H01K 1/20** (2013.01 - EP US); **H01K 3/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2006007815A1

Cited by
WO2020144573A1; BE1026962A1

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)
WO 2006007815 A1 20060126; CA 2573353 A1 20060126; CN 1989591 A 20070627; DE 102004034787 A1 20060316; EP 1769527 A1 20070404; JP 2008507100 A 20080306; US 2008036377 A1 20080214

DOCDB simple family (application)
DE 2005001199 W 20050706; CA 2573353 A 20050706; CN 200580024472 A 20050706; DE 102004034787 A 20040719; EP 05763836 A 20050706; JP 2007521781 A 20050706; US 63181205 A 20050706