

Title (en)

Incandescent lamp with a luminous body which contains carbides

Title (de)

Glühlampe mit carbidhaltigem Leuchtkörper

Title (fr)

Lampe à incandescence avec un corps lumineux contenant de carbide

Publication

**EP 1594158 A3 20071205 (DE)**

Application

**EP 05004050 A 20050224**

Priority

DE 102004014211 A 20040323

Abstract (en)

[origin: CA2501740A1] The incandescent lamp is equipped with a luminous element which is hermetically inserted in a bulb together with a filling, the luminous element having a metal carbide whose melting point is above that of tungsten. The supply lead is fabricated integrally with the luminous element from a wire and provided with an electrically conducting coating which decisively improves the impact strength and make-proofness.

IPC 8 full level

**H01K 1/02** (2006.01); **H01K 1/10** (2006.01); **H01K 1/14** (2006.01); **H01K 1/16** (2006.01); **H01K 1/18** (2006.01); **H01K 1/28** (2006.01); **H01K 1/40** (2006.01); **H01K 1/50** (2006.01)

CPC (source: EP US)

**H01K 1/10** (2013.01 - EP US); **H01K 1/14** (2013.01 - EP US); **H01K 1/28** (2013.01 - EP US); **H01K 1/40** (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**DE 102004014211 A1 20051013**; CA 2501740 A1 20050923; CN 100479091 C 20090415; CN 1674214 A 20050928; EP 1594158 A2 20051109; EP 1594158 A3 20071205; JP 2005276841 A 20051006; JP 4571879 B2 20101027; US 2005212422 A1 20050929; US 7190117 B2 20070313

DOCDB simple family (application)

**DE 102004014211 A 20040323**; CA 2501740 A 20050321; CN 200510059415 A 20050323; EP 05004050 A 20050224; JP 2005084852 A 20050323; US 8173405 A 20050317