

Title (en)

INCANDESCENT LAMP HAVING AN ILLUMINANT THAT CONTAINS A HIGH-TEMPERATURE RESISTANT METAL COMPOUND

Title (de)

GLÜHLAMPE MIT EINEM LEUCHTKÖRPER, DER EINE HOCHTEMPERATURBESTÄNDIGE METALLVERBINDUNG ENTHÄLT

Title (fr)

LAMPE A INCANDESCENCE AYANT UNE LAMPE CONTENANT UN COMPOSE METALLIQUE RESISTANT AUX TEMPERATURES ELEVEES

Publication

**EP 1805785 B1 20101201 (DE)**

Application

**EP 05803936 A 20051018**

Priority

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Abstract (en)

[origin: US2009045742A1] The invention relates to an incandescent lamp (1) which is provided with an illuminant (7) which is inserted in a bulb (2) together with a filling in a vacuum-tight manner, the illuminant (7) comprising a metal carbide that has a melting point above that of tungsten. The bulb also comprises a source and a sink for a material of which the illuminant is depleted during use.

IPC 8 full level

**H01K 1/08** (2006.01); **H01K 1/10** (2006.01); **H01K 1/52** (2006.01)

CPC (source: EP US)

**H01K 1/52** (2013.01 - EP US)

Citation (examination)

- US 3405328 A 19681008 - JOHANSEN HERMAN A, et al
- US 3277330 A 19661004 - COOPER JR DEXTER P

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**US 66515805 A 20051018;** AT 05803936 T 20051018; CA 2584458 A 20051018; CN 200580036466 A 20051018; DE 102004052044 A 20041026; DE 2005001857 W 20051018; DE 502005010636 T 20051018; EP 05803936 A 20051018; JP 2007538259 A 20051018