

Title (en)
Halogen lamp

Title (de)
Halogenlampe

Title (fr)
Lampe halogène

Publication
EP 0802561 B1 20000719 (DE)

Application
EP 97105626 A 19970404

Priority
• DE 29607132 U 19960419
• DE 29620098 U 19961120

Abstract (en)
[origin: EP0802561A1] The 75 W lamp for general lighting purposes has a cylindrical quartz glass bulb (2) in a bayonet fitting (16). The U-shaped filament (6) is manufactured of tungsten with two coils (8) in a supporting wire frame (9). The coils are terminated with uncoiled sections (19) about 4 mm long fused into a pinch (5) and welded to molybdenum foil seals (20). These sections are manufactured of wire having a maximum diameter of preferably 80 μ m, and spaced in relation to the applied voltage so that in the event of arcing, the effective field strength is preferably between 200 and 400 V/cm.

IPC 1-7
H01K 1/40; **H01K 1/66**

IPC 8 full level
H01K 1/40 (2006.01); **H01K 1/42** (2006.01); **H01J 5/50** (2006.01); **H01K 1/46** (2006.01); **H01K 1/66** (2006.01)

CPC (source: EP KR US)
H01J 5/50 (2013.01 - KR); **H01J 5/60** (2013.01 - EP US); **H01K 1/40** (2013.01 - EP US); **H01K 1/66** (2013.01 - EP US)

Cited by
US6060820A; EP2544213A4; WO2008145570A3; WO0070652A1; WO2010000325A1; DE102012219135A1; US10004134B2; US10594067B2

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