

Title (en)
TUBE AND BALL

Title (de)
RÖHRE UND KUGEL

Title (fr)
TUBE A EXTREMITES SPHERIQUES

Publication
EP 1670288 A1 20060614 (EN)

Application
EP 04773622 A 20040929

Priority
• JP 2004014697 W 20040929
• JP 2003341782 A 20030930

Abstract (en)
A bulb includes: a heating tube 2 having a heating portion accommodating a filament 3, a pair of sealing end portions 5b subjected to pinch sealing on both axial sides of the heating portion to provide airtight sealing, and a pair of lead wires connected to the filament and extending outward in an airtight manner from the pair of sealing end portions 5b; an optical film 10 formed by coating an optical film solution to a portion of an outer surface of the heating tube excluding a non-coating region 9 to which the optical film solution is not coated, the non-coating region 9 extending, from a position S spaced apart by a predetermined distance 1 to the filament side from an inner end ie of one of the pair of sealing end portions, to an outer end Oe of the one sealing end portion; and a frosted portion 11 formed by performing frosting treatment on the non-coating region. According to the this structure, the anti-glare effect of the heating tube can be improved.

IPC 1-7
H05B 3/44; **H01K 1/32**; **H01K 7/00**

IPC 8 full level
H05B 3/44 (2006.01); **H01K 1/32** (2006.01); **H01K 5/02** (2006.01); **H01K 7/00** (2006.01)

CPC (source: EP)
H01K 1/32 (2013.01); **H01K 7/00** (2013.01); **H05B 3/44** (2013.01)

Cited by
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Designated contracting state (EPC)
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EP 1670288 A1 20060614; **EP 1670288 A4 20080723**; JP 2005108685 A 20050421; WO 2005032215 A1 20050407

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