

Title (en)  
Glow plug

Title (de)  
Glühkerze

Title (fr)  
Bougie à incandescence

Publication  
**EP 1471307 B1 20070221 (EN)**

Application  
**EP 04252379 A 20040423**

Priority  
• JP 2003118961 A 20030423  
• JP 2004010149 A 20040119

Abstract (en)  
[origin: EP1471307A1] A rod-like insulator (14) is disposed within a metallic tube (2) to form a clearance between the insulator and metallic tube. A coil member (5) encircles the outer circumferential surface of insulator. Insulating powder (15), which fills interior of material tube, is charged into the metallic tube. The insulator is formed of insulating material with thermal conductivity lower than the insulating powder.

IPC 8 full level  
**F23Q 7/00** (2006.01)

CPC (source: EP US)  
**F23Q 7/001** (2013.01 - EP US)

Cited by  
EP2840314A4; EP1717515A1; EP2116772A4; US9702556B2; WO2006114436A1; DE102014225908A1; WO2016096257A1

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
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JP 2004340562 A 20041202; US 2004222207 A1 20041111

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