

Title (en)  
HEATER AND GLOWPLUG

Title (de)  
HEIZELEMENT UND GLÜHKERZE

Title (fr)  
DISPOSITIF DE CHAUFFAGE ET BOUGIE DE PRÉCHAUFFAGE

Publication  
**EP 3113575 A4 20171011 (EN)**

Application  
**EP 15754614 A 20150225**

Priority  
• JP 2014035719 A 20140226  
• JP 2015055334 W 20150225

Abstract (en)  
[origin: EP3113575A1] A heater includes a ceramic body having a rod shape; a heating resistor embedded in the ceramic body; a conductor layer on at least one end surface of the ceramic body, electrically connected to the heating resistor; a metal cap attached to an end portion of the ceramic body at a site near the end surface, the metal cap covering at least a portion of the conductor layer and the end surface with a gap therebetween and including a through hole; and a lead terminal inserted in the through hole and electrically connected to the conductor layer. An end portion of the lead terminal disposed in the gap includes a portion that is outside the through hole when viewed in a penetrating direction of the through hole.

IPC 8 full level  
**H05B 3/02** (2006.01); **F23Q 7/00** (2006.01); **H05B 3/06** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP)  
**F23Q 7/001** (2013.01); **H05B 3/06** (2013.01); **H05B 3/48** (2013.01); **H05B 2203/027** (2013.01)

Citation (search report)  
• [XY] JP 2002257341 A 20020911 - KYOCERA CORP  
• [I] JP S62175523 A 19870801 - JIDOSHA KIKI CO, et al  
• [I] JP S6176824 A 19860419 - JIDOSHA KIKI CO  
• [I] JP S60114630 A 19850621 - JIDOSHA KIKI CO, et al  
• [Y] JP H0443721 Y2 19921015  
• See references of WO 2015129722A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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