

Title (en)  
HEATER AND GLOW PLUG

Title (de)  
HEIZELEMENT UND GLÜHKERZE

Title (fr)  
DISPOSITIF DE CHAUFFAGE ET BOUGIE DE PRÉCHAUFFAGE

Publication  
**EP 3064834 A4 20170621 (EN)**

Application  
**EP 14859213 A 20141028**

Priority  
• JP 2013223073 A 20131028  
• JP 2014078675 W 20141028

Abstract (en)  
[origin: EP3064834A1] A heater of the present invention includes a rod-shaped ceramic body, a heating resistor embedded in the ceramic body, a conductor layer that is electrically connected to the heating resistor, and a metal cap for external connection, the metal cap covering one end of the ceramic body together with at least a portion of the conductor layer. The metal cap has a slit in a portion of an outer periphery of the metal cap, the slit extending from an outer region toward an inner region.

IPC 8 full level  
**F23Q 7/00** (2006.01); **H05B 3/02** (2006.01); **H05B 3/03** (2006.01); **H05B 3/48** (2006.01)

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

Citation (search report)  
• [A] EP 2247156 A1 20101103 - KYOCERA CORP [JP]  
• [A] EP 2306089 A2 20110406 - BORGWARNER BERU SYSTEMS GMBH [DE]  
• [A] EP 0635993 A2 19950125 - TDK CORP [JP]  
• See references of WO 2015064598A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3064834 A1 20160907**; **EP 3064834 A4 20170621**; **EP 3064834 B1 20180718**; JP 6075810 B2 20170208; JP WO2015064598 A1 20170309; WO 2015064598 A1 20150507

DOCDB simple family (application)  
**EP 14859213 A 20141028**; JP 2014078675 W 20141028; JP 2015545249 A 20141028