

Title (en)  
CERAMIC SHEATHED ELEMENT GLOW PLUG

Title (de)  
KERAMISCHE GLÜHSTIFTKERZE

Title (fr)  
BOUGIE CRAYON DE PRECHAUFFAGE EN CERAMIQUE

Publication  
**EP 1125086 B1 20040421 (DE)**

Application  
**EP 00960315 A 20000725**

Priority  
• DE 0002420 W 20000725  
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• DE 10020328 A 20000426

Abstract (en)  
[origin: US6759631B1] A ceramic sheathed-element glow plug includes a ceramic glow element made of an electrically conductive layer and an electrically insulating layer, in which the conductive layer is made of supply layers and a heating layer. The higher specific electrical resistance of the heating layer allows the temperature of the heating layer and of the combustion chamber to be determined, and the electrical contact between a connecting element and the glow element is established by a contacting element that is composed of a pellet made of an electrically conductive powder.

IPC 1-7  
**F23Q 7/00**

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

CPC (source: EP US)  
**F23Q 7/001** (2013.01 - EP US); **Y10T 29/49087** (2015.01 - EP US)

Cited by  
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**US 6759631 B1 20040706**; AT E265023 T1 20040515; CZ 20011473 A3 20020213; CZ 300971 B6 20090930; EP 1125086 A1 20010822; EP 1125086 B1 20040421; ES 2220531 T3 20041216; HU 224369 B1 20050829; HU P0103763 A2 20020328; HU P0103763 A3 20020429; JP 2003508713 A 20030304; JP 4567265 B2 20101020; PL 347434 A1 20020408; WO 0116529 A1 20010308

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**US 83064001 A 20010802**; AT 00960315 T 20000725; CZ 20011473 A 20000725; DE 0002420 W 20000725; EP 00960315 A 20000725; ES 00960315 T 20000725; HU P0103763 A 20000725; JP 2001520044 A 20000725; PL 34743400 A 20000725