

Title (en)  
SHEATHED-ELEMENT GLOW PLUG COMPRISING A SPECIALLY EMBEDDED CONTACT ELEMENT

Title (de)  
GLÜHSTIFTKERZE MIT BESONDERS EINGEBETTETEM KONTAKTELEMENT

Title (fr)  
BOUGIE DE PRECHAUFFAGE A ELEMENT DE CONTACT SPECIALEMENT ENCASTRE

Publication  
**EP 1660817 B1 20170315 (DE)**

Application  
**EP 04738757 A 20040623**

Priority  
• DE 2004001308 W 20040623  
• DE 10339641 A 20030828

Abstract (en)  
[origin: DE10339641A1] Pencil-type glow plug (1) for an internal combustion engine comprises a plug housing (2), a connecting part for electrical current, and a tube with an embedded heating element. The connecting region (3) and the heating element are electrically coupled via a connecting pin (5) and a contact element (6). The connecting pin and the contact element are at least partly surrounded by an electrically insulating plastic sleeve (7) within the housing. Preferred Features: The plastic sleeve is a clamping sleeve. The contact element is a graphite tablet.

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

CPC (source: EP KR US)  
**F02P 19/00** (2013.01 - KR); **F23Q 7/00** (2013.01 - KR); **F23Q 7/001** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 10339641 A1 20050324**; BR PI0413442 A 20061017; EP 1660817 A1 20060531; EP 1660817 B1 20170315; JP 2006528761 A 20061221; KR 20060125690 A 20061206; US 2007084845 A1 20070419; WO 2005026619 A1 20050324

DOCDB simple family (application)  
**DE 10339641 A 20030828**; BR PI0413442 A 20040623; DE 2004001308 W 20040623; EP 04738757 A 20040623; JP 2006521383 A 20040623; KR 20067003971 A 20060227; US 56922004 A 20040623