

Title (en)  
Glow pin plug

Title (de)  
Stabglühkerze

Title (fr)  
Bougie à tige incandescente

Publication  
**EP 1001220 A3 20010425 (DE)**

Application  
**EP 99121240 A 19991025**

Priority  
DE 19852485 A 19981113

Abstract (en)  
[origin: EP1001220A2] The glow plug has a heater rod (1) with internal heater coil and if appropriate at least one regulating coil, whereby the heater rod is insulated from the glow plug body (3), and a plug or screw connection (4) for a supply voltage. The plug connector has an electronic component (6), pref. a chip, with connections (7,8,9) to the supply voltage, glow tube and body, that acts as a regulating/control element for the glow plug functions for heating or measuring the ion current in a combustion chamber side of the heater rod. An Independent claim is also included for plug connector for a glow plug.

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)

Citation (search report)

- [X] EP 0657698 A2 19950614 - ISUZU CERAMICS RES INST [JP]
- [E] EP 0987418 A2 20000322 - BERU AG [DE]
- [A] EP 0678709 A2 19951025 - ISUZU CERAMICS RES INST [JP]

Cited by  
DE102013201048A1; DE102013201048B4; US7122764B1; WO0120229A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1001220 A2 20000517; EP 1001220 A3 20010425; EP 1001220 B1 20060614**; AT E330182 T1 20060715; DE 19852485 A1 20000525; DE 19852485 C2 20020919; DE 59913553 D1 20060727; ES 2262285 T3 20061116; JP 2000146180 A 20000526; JP 4368015 B2 20091118; US 6150634 A 20001121

DOCDB simple family (application)  
**EP 99121240 A 19991025**; AT 99121240 T 19991025; DE 19852485 A 19981113; DE 59913553 T 19991025; ES 99121240 T 19991025; JP 32316199 A 19991112; US 44026599 A 19991115