

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