

Title (en)
Glow-plug

Title (de)
Glühkerze

Title (fr)
Bougie à incandescence

Publication
EP 1102007 A2 20010523 (EN)

Application
EP 00125132 A 20001117

Priority

- JP 32847999 A 19991118
- JP 2000229008 A 20000728
- JP 2000306671 A 20001005

Abstract (en)
In a glow plug, a metal heater case (20) has at one end thereof a smaller diameter portion (22) whose diameter is not larger than 4 mm and whose length is not shorter than 15 mm and has at the other end thereof a larger diameter portion (24). A first coil (30) is embedded via insulation powder (26) in the smaller diameter portion of the heater case and one end thereof is electrically conducted with the heater case. A second coil (40) is embedded via insulation powder (26) in and insulated with the heater case and one end thereof is connected to the other end of the first coil. A housing (10) holds the heater case by enveloping a part of the larger diameter portion of the heater case. A portion of the heater case corresponding to the first coil shows highest temperature in the heater case in 60 seconds after rated voltage is applied to the first and second coils. <IMAGE>

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F23Q 7/00

IPC 8 full level
F02P 19/00 (2006.01); **F23Q 7/00** (2006.01)

CPC (source: EP)
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Citation (applicant)
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Designated contracting state (EPC)
DE FR

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