

Title (en)
Glow plug

Title (de)
Glühkerze

Title (fr)
Bougie à incandescence

Publication
EP 0902236 A3 20001011 (EN)

Application
EP 98117067 A 19980909

Priority
• JP 23336298 A 19980820
• JP 26791797 A 19970911

Abstract (en)
[origin: EP0902236A2] A glow plug used in diesel engines is provided which includes a plug housing, a heater casing, and a heating element. The heating element consists of a heating coil and a current-controlling coil connected in series with the heating coil to control the current flowing to the heating coil. The heater casing has disposed therein the heating coil and the current-controlling coil and is inserted partially into the housing from an open end thereof. The heater casing includes a small-diameter portion and a large-diameter portion connected in series with the small-diameter portion. The whole of the large-diameter portion is disposed within the housing in tight engagement therewith, while the whole of the small-diameter portion projects from the open end of the housing for producing a clearance with an inner wall of a glow plug mount hole formed in an engine head to minimize the heat transfer from the heating element to the engine head. <IMAGE>

IPC 1-7
F23Q 7/00

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP)
F23Q 7/001 (2013.01)

Citation (search report)
[X] DE 4001296 A1 19900816 - JIDOSHA KIKI CO [JP]

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DOCDB simple family (publication)
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