

Title (en)

Dual control coil glow plug for diesel engines.

Title (de)

Glühkerze mit zwei Regelwendeln für Dieselmotoren.

Title (fr)

Bougie à incandescence à deux enroulements de commande pour des moteurs Diesel.

Publication

EP 0602745 A1 19940622 (EN)

Application

EP 93203524 A 19931215

Priority

IT MI922903 A 19921218

Abstract (en)

A dual current control coil glow plug (10) for warming up Diesel engines. The glow plug comprises a metal body (11) from which a tubular metal sheath (13) extends, the sheath containing a heating element comprising a dual coil (14,16) electric resistance embedded in a compacted powder of an electrically insulating and thermally conductive material; the two coils (14,16) of the heating element are made with wires of the same material having a high positive temperature coefficient so as to provide a dual differentiated control of the current absorbed during the warm-up and post-heating phases, while maintaining warm-up times and temperatures at optimal values. <IMAGE>

IPC 1-7

F23Q 7/00

IPC 8 full level

F23Q 7/00 (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

F23Q 7/001 (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

- [X] EP 0365258 A1 19900425 - WELLMAN AUTOMOTIVE PROD [GB]
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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0602745 A1 19940622; IT 1258675 B 19960227; IT MI922903 A0 19921218; IT MI922903 A1 19940618

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