

Title (en)

Glow plug arrangement and method for operating said arrangement

Title (de)

Glühkerzenanordnung und Methode für das Betreiben der besagten Anordnung

Title (fr)

Agencement de bougie à incandescence et procédé pour le fonctionnement de celle-ci

Publication

**EP 1164285 B1 20031217 (EN)**

Application

**EP 00124690 A 20001111**

Priority

LU 90494 A 19991224

Abstract (en)

[origin: LU90494B1] Glow plug arrangement comprises a glow plug (10) with heater (18) and ion sensor (20) systems. Two switching voltage sources are provided the first for generating a heater supply voltage to apply the heating system and the second for the ion sensor. The ion sensor (20) supply voltage has a different polarity to the heater supply voltage. The second switching devise comprises a simple diode or Schottky diode. Depending of the polarity of the voltage the diode either opens or closes the heater circuit. A Schottky diode is preferable due to the advantageous power loss.

IPC 1-7

**F02P 19/02**; **F02P 17/12**

IPC 8 full level

**F02P 17/12** (2006.01); **F02P 19/02** (2006.01)

CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

**LU 90494 B1 20010625**; DE 60007292 D1 20040129; DE 60007292 T2 20041021; EP 1164285 A2 20011219; EP 1164285 A3 20020717; EP 1164285 B1 20031217

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