

Title (en)

Glow plug preheating control method and device for diesel engine

Title (de)

Verfahren und Vorrichtung zur Steuerung des Glühvorgangs einer Glühkerze eines Dieselmotors

Title (fr)

Méthode et dispositif de commande de préchauffage des bougies de réchauffage d'un moteur diesel

Publication

**EP 0809021 A3 19990804 (DE)**

Application

**EP 97108081 A 19970517**

Priority

- DE 19620258 A 19960521
- DE 19708430 A 19970301

Abstract (en)

[origin: EP0809021A2] The method involves first feeding electrical heating power to the glow plug (20-30) during a heating phase at a higher power level than the power which can be delivered without damaging the plug during continuous operation. The duration of the heating phase is selected so that no damage is caused to the glow plug. After the expiry of the heating phase the glow plug is operated with a power level corresp. to the maximum continuous power.

IPC 1-7

**F02P 19/02**

IPC 8 full level

**F02P 19/02** (2006.01)

CPC (source: EP)

**F02P 19/025** (2013.01)

Citation (search report)

- [XA] US 5144922 A 19920908 - KONG HAKCHUL [US]
- [XA] EP 0315934 A1 19890517 - SIEMENS AG [DE]
- [X] EP 0565431 A1 19931013 - RENAULT [FR]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 012, no. 495 (M - 780) 23 December 1988 (1988-12-23)

Cited by

DE10162253A1; EP1329630A3; DE102007029022A1; DE102007029022B4; US8017888B2; US8620512B2; EP2177743A2; DE102008052309A1

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DOCDB simple family (publication)

**EP 0809021 A2 19971126; EP 0809021 A3 19990804; EP 0809021 B1 20050119;** ES 2237782 T3 20050801

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**EP 97108081 A 19970517;** ES 97108081 T 19970517