

Title (en)

Method to operate a glow plug for a vehicle heating device

Title (de)

Verfahren zum Betreiben eines Glühzündelements einer Fahrzeugheizeinrichtung

Title (fr)

Méthode d'opération pour une bougie incandescente d'appareil de chauffage de véhicule

Publication

EP 1600692 A3 20080326 (DE)

Application

EP 05006645 A 20050324

Priority

DE 102004025772 A 20040526

Abstract (en)

[origin: EP1600692A2] To operate the glow plug in a vehicle heating system, on starting up the heating, the glow plug is set for working at a nominal heating power (L). During the initial heating interval (I1) of the start phase a lower nominal heating power (L1) is set than the power used in the following heating interval (I2). During the third interval (I3) of the start-up, a lower nominal power (L3) is used than in the second interval. The excitation of the glow plug finishes at the end of the third interval.

IPC 8 full level

F23N 5/20 (2006.01); **B60H 1/22** (2006.01); **B60R 16/00** (2006.01); **F02P 19/02** (2006.01); **F23Q 7/00** (2006.01); **F23Q 7/06** (2006.01)

CPC (source: EP)

F02P 19/021 (2013.01); **F23N 5/20** (2013.01); **F02P 19/025** (2013.01); **F23N 2227/42** (2020.01); **F23N 2241/14** (2020.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 05006645 A 20050324; DE 102004025772 A 20040526