

Title (en)

METHOD FOR OPERATING A GLOW IGNITION DEVICE OF A CAR HEATER AT STARTUP OF THE CAR HEATER

Title (de)

VERFAHREN ZUM BETREIBEN EINES GLÜHZÜNDELEMENTS EINER FAHRZEUGHEIZEINRICHTUNG BEIM STARTEN DER FAHRZEUGHEIZEINRICHTUNG

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN ÉLÉMENT D'ALLUMAGE PAR INCANDESCENCE D'UNE INSTALLATION DE CHAUFFAGE POUR VÉHICULES AU DÉMARRAGE DE L'INSTALLATION

Publication

EP 1493969 B1 20161207 (DE)

Application

EP 04015371 A 20040630

Priority

DE 10330086 A 20030703

Abstract (en)

[origin: EP1493969A2] The method for the operating of an incandescent igniter element of a vehicle's heater in the starting phase entails the recording a value in dependence upon a heating capacity of the igniter element (12), comparing this value with a reference, and if the value is less than the reference increasing the heating capacity of the incandescent igniter element. In the first stage the value which is in dependence upon the heating capacity is based on a voltage applied to the igniter element and current flowing through it.

IPC 8 full level

B60H 1/03 (2006.01); **F23N 5/20** (2006.01); **B60H 1/22** (2006.01); **F02P 19/02** (2006.01)

CPC (source: EP)

F02P 19/021 (2013.01); **F23N 5/203** (2013.01); **F23N 2223/08** (2020.01); **F23N 2227/02** (2020.01); **F23N 2227/28** (2020.01); **F23N 2227/42** (2020.01); **F23N 2241/14** (2020.01)

Cited by

EP1674794A1; EP3279566A1; DE102016114315A1; US11142041B2

Designated contracting state (EPC)

CZ DE FR GB PL SE

DOCDB simple family (publication)

EP 1493969 A2 20050105; **EP 1493969 A3 20080326**; **EP 1493969 B1 20161207**; DE 10330086 A1 20050127; JP 2005022633 A 20050127; PL 1493969 T3 20170531

DOCDB simple family (application)

EP 04015371 A 20040630; DE 10330086 A 20030703; JP 2004091845 A 20040326; PL 04015371 T 20040630