

Title (en)

Method for starting a vehicle heating device and vehicle heating device

Title (de)

Verfahren zum Starten eines Fahrzeugheizgerätes und Fahrzeugheizgerät

Title (fr)

Procédé de mise en marche d'un dispositif de chauffage de véhicule et dispositif de chauffage de véhicule

Publication

EP 1674794 B1 20110309 (DE)

Application

EP 05020839 A 20050923

Priority

DE 102004062831 A 20041227

Abstract (en)

[origin: EP1674794A1] The starting process is for a vehicle heater (10) with a combustion chamber group (12), a fuel supply device (22), an ignition device (24), a control device (26) voltage setting device (28) and a current setting device (30). It consists of excitation of the ignition device, checking if the electricity used in the ignition device reached a preset start energy reference value at or before a first set time point, and when the reference value is reached, starting the fuel supply to the combustion chamber group of the heater.

IPC 8 full level

F23D 3/40 (2006.01); **F23N 5/20** (2006.01); **F23N 5/24** (2006.01); **F23Q 7/08** (2006.01)

CPC (source: EP)

F23D 3/40 (2013.01); **F23N 5/203** (2013.01); **F23N 5/242** (2013.01); **F23Q 7/08** (2013.01); **F23N 2227/02** (2020.01); **F23N 2227/42** (2020.01); **F23N 2237/14** (2020.01)

Cited by

DE102007031264B4; EP1916479A3; DE102007031264A1; WO2022038169A1

Designated contracting state (EPC)

CZ DE PL SE

DOCDB simple family (publication)

EP 1674794 A1 20060628; **EP 1674794 B1 20110309**; DE 102004062831 A1 20060713; DE 502005011072 D1 20110421

DOCDB simple family (application)

EP 05020839 A 20050923; DE 102004062831 A 20041227; DE 502005011072 T 20050923