

Title (en)
METHOD AND SYSTEM FOR CONTROLLING A LOW-VOLTAGE-POWERED PLUG FOR PREHEATING A DIESEL ENGINE AIR/FUEL MIXTURE

Title (de)
VERFAHREN UND SYSTEM ZUR STEUERUNG EINER NIEDERSpannungSZÜNDKERZE ZUM VORWÄRMEN EINES LUFT-KRAFTSTOFF-GEMISCHES EINES DIESELMOTORS

Title (fr)
PROCEDE ET SYSTEME DE COMMANDE D'UNE BOUGIE DE PRECHAUFFAGE, A ALIMENTATION A BASSE TENSION ELECTRIQUE, D'UN MELANGE AIR/CARBURANT DE MOTEUR DIESEL

Publication
EP 1994277 A2 20081126 (FR)

Application
EP 07731573 A 20070205

Priority
• FR 2007050747 W 20070205
• FR 0601610 A 20060223

Abstract (en)
[origin: FR2897656A1] The method involves supplying a voltage, in the form of pulses having an amplitude and a preset duration, to a heater plug, where the amplitude is lesser than a maximum amplitude. The amplitude and the duration of the pulses are managed based on a set of parameters comprising preceding pulse duration and duration separating successive preceding pulses, where the parameters also comprise operating parameters of an oil engine and a desired temperature to be provided by the plug. An independent claim is also included for a system for controlling a heater plug.

IPC 8 full level
F02P 19/02 (2006.01)

CPC (source: EP US)
F02P 19/022 (2013.01 - EP US); **F02P 19/025** (2013.01 - EP US)

Citation (search report)
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