

Title (en)

Method of operating a flame starting system for internal combustion engine and flame starting system for internal combustion engine

Title (de)

Verfahren zum Betreiben einer Flammstartanlage für eine Brennkraftmaschine und Flammstartanlage für eine Brennkraftmaschine

Title (fr)

Procédé de commande d'une installation de démarrage par flamme pour moteur à combustion interne et installation de démarrage par flamme pour moteur à combustion interne

Publication

EP 0816673 B1 20020417 (DE)

Application

EP 97109978 A 19970618

Priority

DE 19629928 A 19960724

Abstract (en)

[origin: EP0816673A1] A procedure for operating a flame starting system for a diesel engine uses a glow plug in the air induction channel, supplied with fuel. The fuel supply is metered according to the operating phase of the engine and is cycled using a chosen frequency or period. There is a solenoid valve in the plug to control the fuel flow. There is a buffer between the valve and the plug. The buffer is a fuel store. In front of or behind the valve are throttle screens.

IPC 1-7

F02N 17/047

IPC 8 full level

F02N 19/06 (2010.01); **F02B 3/06** (2006.01)

CPC (source: EP US)

F02N 19/06 (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US)

Cited by

EP0947692A1

Designated contracting state (EPC)

AT DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0816673 A1 19980107; **EP 0816673 B1 20020417**; AT E216464 T1 20020515; DE 19629928 A1 19980129; DE 59707014 D1 20020523; ES 2174149 T3 20021101; US 5937814 A 19990817

DOCDB simple family (application)

EP 97109978 A 19970618; AT 97109978 T 19970618; DE 19629928 A 19960724; DE 59707014 T 19970618; ES 97109978 T 19970618; US 89947597 A 19970724