

Title (en)
Rod Flame glow plug

Title (de)
Stabflammglühkerze

Title (fr)
Bougie incandescente à flamme en forme de tige

Publication
EP 0607592 B1 19970709 (DE)

Application
EP 93120529 A 19931220

Priority
DE 4301252 A 19930119

Abstract (en)
[origin: US5468933A] Rod flame glow plug for preheating the intake air of an autoignition internal combustion engine with a housing having a fuel connection with a metering device and an electric connection, and at least one heating rod located in the housing. The heating rod is formed of a glow tube (8) filled with an electrically insulative filling material (10) and at least one regulating coil (2) and a heating coil (1). The coils are embedded in the filling material (10) and are connected in series to one another and with the electric connection (9). The regulating coil (2) is formed of a CoFe alloy.

IPC 1-7
F23Q 7/00; **F02N 17/047**; **H05B 3/48**

IPC 8 full level
F02N 19/06 (2010.01); **F23Q 7/00** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP US)
F23Q 7/001 (2013.01 - EP US); **F02N 19/06** (2013.01 - EP US)

Citation (examination)

- DE 4010479 A1 19911002 - BOSCH GMBH ROBERT [DE]
- DE 4007340 C1 19901011
- PATENT ABSTRACTS OF JAPAN vol. 6, no. 37 (M - 150) 18 August 1982 (1982-08-18)

Cited by
EP0749133A3

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
US 5468933 A 19951121; AT E155222 T1 19970715; DE 4301252 A1 19940721; DE 59306880 D1 19970814; EP 0607592 A2 19940727; EP 0607592 A3 19950419; EP 0607592 B1 19970709; ES 2105062 T3 19971016

DOCDB simple family (application)
US 18334194 A 19940119; AT 93120529 T 19931220; DE 4301252 A 19930119; DE 59306880 T 19931220; EP 93120529 A 19931220; ES 93120529 T 19931220