

Title (en)

Flame glowplug for an injected air compressing combustion engine.

Title (de)

Flammglühkerze für eine luftverdichtende Einspritzbrennkraftmaschine.

Title (fr)

Bougie à flamme pour un moteur à combustion à injection et compression d'air.

Publication

EP 0448830 B1 19940302 (DE)

Application

EP 90125167 A 19901221

Priority

DE 4010093 A 19900329

Abstract (en)

[origin: DE4010093C1] The flame-action sparkplug housing contains a fuel metering insert and a space evaporator tube which encloses a heating bar with annular clearance such that the bar end projects out of the tube and is here screened off by a flame tube which is joined to the housing, lies in the intake air path and has perforation holes. - There is a fuel link between the metering insert and the evaporator tube. The fuel link consists of a helical swirl channel (7) which issues into the clearance annulus (5) and lies between the housing (2) and heating bar (4).

IPC 1-7

F23Q 7/00

IPC 8 full level

F02N 19/02 (2010.01); **F23Q 7/00** (2006.01)

CPC (source: EP US)

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

Cited by

US5402757A; EP0603795A3

Designated contracting state (EPC)

FR GB IT SE

DOCDB simple family (publication)

DE 4010093 C1 19910814; EP 0448830 A2 19911002; EP 0448830 A3 19920122; EP 0448830 B1 19940302; RU 1838663 C 19930830; US 5182437 A 19930126

DOCDB simple family (application)

DE 4010093 A 19900329; EP 90125167 A 19901221; SU 4894879 A 19910328; US 65867691 A 19910221