

Title (en)

Tubular heating or measuring device

Title (de)

Rohrförmige Heiz- oder Messvorrichtung

Title (fr)

Dispositif de chauffage ou de mesure de forme tubulaire

Publication

EP 0997687 B1 20040317 (DE)

Application

EP 99115285 A 19990802

Priority

DE 19849120 A 19981023

Abstract (en)

[origin: EP0997687A1] The glow plug has an integral tube (1) providing a glow plug body and a sleeve enclosing heating and regulating coils (4,5). The tube has a glow plug body section (16) with a reduced diameter enclosing a glow element heating coil (4), a regulating section (16a) of slightly greater diameter, enclosing a regulating coil (5) and a connection section (16b) of greatest diameter enclosing a connection conductor (10).

IPC 1-7

F23Q 7/00

IPC 8 full level

F02P 13/00 (2006.01); **F23Q 7/00** (2006.01)

CPC (source: EP US)

F23Q 7/001 (2013.01 - EP US)

Citation (examination)

EP 0943865 A1 19990922 - FEDERAL MOGUL IGNITION SPA [IT]

Cited by

EP1283394A3

Designated contracting state (EPC)

AT DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0997687 A1 20000503; EP 0997687 B1 20040317; AT E262144 T1 20040415; DE 19849120 A1 20000629; DE 19849120 C2 20000928; DE 59908861 D1 20040422; ES 2213953 T3 20040901; JP 2000130753 A 20000512; JP 3844415 B2 20061115; US 6314930 B1 20011113

DOCDB simple family (application)

EP 99115285 A 19990802; AT 99115285 T 19990802; DE 19849120 A 19981023; DE 59908861 T 19990802; ES 99115285 T 19990802; JP 30039099 A 19991022; US 42123099 A 19991020