

Title (en)
GLOW PLUG HAVING A METALLIC SILICIDE RESISTIVE FILM HEATER

Publication
EP 0194535 A3 19880107 (EN)

Application
EP 86102681 A 19860301

Priority
US 71322485 A 19850315

Abstract (en)
[origin: EP0194535A2] A glow plug having a heater member (20) formed by depositing a metallic-silicide layer (24) on the internal and external surfaces of a cylindrical ceramic substrate (22). The metallic-silicide layer (24) deposited on the external surface of the substrate (22) is electrically connected to a metal shell (12) which supports one end of the heater member (20). An axial electrode (36) disposed in the shell (12) is electrically connected to the metallic-silicide layer (24) disposed on the internal surface of the substrate (22) and further serves to lock the heater member (20) in the shell (12).

IPC 1-7
F23Q 7/00

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP)
F23Q 7/001 (2013.01)

Citation (search report)

- [AD] EP 0129676 A1 19850102 - BENDIX CORP [US]
- [A] GB 2092670 A 19820818 - BOSCH GMBH ROBERT
- [A] EP 0106232 A1 19840425 - BOSCH GMBH ROBERT [DE]
- [AD] US 3912905 A 19751014 - GILER ROGER ROLF
- [XP] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 151 (M-483)[2208], 31st May 1986; & JP-A-61 003 922 (JIDOSHA KIKI K.K.) 09-01-1986

Cited by
FR2641156A1; EP0648977A3; US5589091A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0194535 A2 19860917; EP 0194535 A3 19880107; AU 5436686 A 19860918; BR 8601457 A 19861209; CA 1252830 A 19890418; ES 553026 A0 19861201; ES 8701952 A1 19861201; JP S61213512 A 19860922

DOCDB simple family (application)
EP 86102681 A 19860301; AU 5436686 A 19860306; BR 8601457 A 19860314; CA 503183 A 19860304; ES 553026 A 19860314; JP 5514086 A 19860314