

Title (en)
GLOW PLUG

Title (de)
GLÜHKERZE

Title (fr)
BOUGIE A INCANDESCENCE DE PRECHAUFFAGE

Publication
EP 0673493 B1 19970115 (DE)

Application
EP 94930165 A 19941012

Priority
• DE 4334771 A 19931012
• EP 9403367 W 19941012

Abstract (en)
[origin: US5645742A] PCT No. PCT/EP94/03367 Sec. 371 Date Jun. 12, 1995 Sec. 102(e) Date Jun. 12, 1995 PCT Filed Oct. 12, 1994 PCT Pub. No. WO95/10736 PCT Pub. Date Apr. 20, 1995 Glow plug with a heating rod formed of an inner pole (2) and a glow tube (5) in which there is heating element (3) which is electrically connected to the inner pole (2). At least in the area of its tip, the glow tube (5) is provided with a coating (7) of ceramic material, especially yttrium-stabilized zirconium dioxide which has a subsurface or adhesive layer (6) of NiCrAlY which is directly provided on the glow tube (5).

IPC 1-7
F23Q 7/00

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP KR US)
F23Q 7/00 (2013.01 - KR); **F23Q 7/001** (2013.01 - EP US); **Y10T 428/12618** (2015.01 - EP US)

Cited by
EP0771882A1; US5976708A

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

DOCDB simple family (publication)
US 5645742 A 19970708; AT E147845 T1 19970215; BR 9405637 A 19990908; DE 4334771 A1 19950413; DE 4334771 C2 19960328; DE 59401603 D1 19970227; EP 0673493 A1 19950927; EP 0673493 B1 19970115; ES 2098159 T3 19970416; JP 3609087 B2 20050112; JP H08504938 A 19960528; KR 100366464 B1 20030225; KR 950704655 A 19951120; WO 9510736 A1 19950420

DOCDB simple family (application)
US 44834495 A 19950612; AT 94930165 T 19941012; BR 9405637 A 19941012; DE 4334771 A 19931012; DE 59401603 T 19941012; EP 9403367 W 19941012; EP 94930165 A 19941012; ES 94930165 T 19941012; JP 51128895 A 19941012; KR 19950702397 A 19950612