

Title (en)
GLOW PLUG

Title (de)
GLÜHKERZE

Title (fr)
BOUGIE DE PRÉCHAUFFAGE

Publication
EP 3189273 A1 20170712 (DE)

Application
EP 15759410 A 20150818

Priority
• FR 1458171 A 20140901
• EP 2015068906 W 20150818

Abstract (en)
[origin: WO2016034399A1] Glow plug containing a heating pin (2) comprising a metal cover (21) and a ceramic heating cartridge (22), which is welded to the front area (101) of a tubular body (1), the back area of which carries a connector (3) for power supply. The electrical connection between the bottom wall (24) of the heating cartridge (22), which is provided with an input contact (233), the circuit of the cartridge and the front end (72) of the central electrode, contains an electrically conductive connecting piece (4) and an electrically conductive cylindrical head (6) which is attached to the front area of the central electrode (7), wherein both these two parts are pressed together between the heating cartridge and a support shoulder (103) in a depression (102) of the front end of the tubular body (1).

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: CN EP)
F23Q 7/001 (2013.01 - CN EP); **F23Q 2007/004** (2013.01 - CN EP)

Citation (search report)
See references of WO 2016034399A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3025153 A1 20160304; FR 3025153 B1 20161209; CN 106605100 A 20170426; CN 106605100 B 20190830; EP 3189273 A1 20170712; EP 3189273 B1 20180815; JP 2017525928 A 20170907; JP 6283768 B2 20180221; WO 2016034399 A1 20160310

DOCDB simple family (application)
FR 1458171 A 20140901; CN 201580046977 A 20150818; EP 15759410 A 20150818; EP 2015068906 W 20150818; JP 2017511638 A 20150818