

Title (en)

GLOW TUBE FOR A CONTROLLABLE SHEATHED GLOW PLUG

Title (de)

GLÜHROHR FÜR EINE REGELBARE GLÜHSTIFTKERZE

Title (fr)

TUBE INCANDESCENT POUR UNE BOUGIE-CRAYON DE PRECHAUFFAGE REGLABLE

Publication

EP 3014184 A1 20160504 (DE)

Application

EP 14734049 A 20140618

Priority

- DE 102013212283 A 20130626
- EP 2014062883 W 20140618

Abstract (en)

[origin: WO2014206847A1] The invention relates to a sheathed glow plug (10) to be arranged in a combustion chamber of an internal combustion engine of a motor vehicle, said glow plug having an electrical resistance element (16) accommodated in a glow tube (12) and designed as a single-material coil (44) having a defined temperature coefficient of resistance, and said electrical resistance element (16) being heated and/or maintained at a predetermined temperature by means of a dynamically changing control voltage. In addition, the material of the electrical resistance element (16) comprises at least one refractory metal, and the glow tube (12) is made of a nickel-chromium alloy.

IPC 8 full level

F23Q 7/00 (2006.01)

CPC (source: EP)

F23Q 7/001 (2013.01); **F23Q 2007/004** (2013.01)

Citation (search report)

See references of WO 2014206847A1

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)

DE 102013212283 A1 20141231; CN 105308392 A 20160203; CN 105308392 B 20170718; EP 3014184 A1 20160504; EP 3014184 B1 20180808; WO 2014206847 A1 20141231

DOCDB simple family (application)

DE 102013212283 A 20130626; CN 201480036609 A 20140618; EP 14734049 A 20140618; EP 2014062883 W 20140618