

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

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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 (examination)

- JP S63170843 A 19880714 - TOKYO TUNGSTEN KK
- JP S63170844 A 19880714 - TOKYO TUNGSTEN KK

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