

Title (en)

GLOW PLUG HAVING A GRAPHITE SEAL AND AN ELECTRIC INSULATING LAYER

Title (de)

GLÜHKERZE MIT GRAPHITDICHTUNG UND ELEKTRISCHER ISOLIERSCHICHT

Title (fr)

BOUGIE DE PRÉCHAUFFAGE À JOINT D'ÉTANCHÉITÉ EN GRAPHITE ET COUCHE D'ISOLATION ÉLECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012076246A1] The invention relates to a glow plug comprising a sheathed element which is accommodated in a metallic housing. The sheathed element comprises a glow tube (16) and a coiled element (18) arranged in the glow tube (16), wherein one end of the coiled element (18) is in electrical contact with the glow tube (16) and the other end is in electrical contact with a connecting pin (17). The connecting pin (17) protrudes into an axial opening (22) of the glow tube (16) where it is connected in a sealing section (23) to the glow tube (16) in an electrically insulating manner by means of a heating body seal (30). The heating body seal (30) is embodied with a sealing element (31) made of graphite and at least one electric insulating layer (32), wherein the glow tube (16) is pressed with the sealing element (31) made of graphite on the connecting pin (17). In order to produce the heating body seal (30), a pre-pressed graphite ring (31) is pressed in the opening (22) of the glow tube (16) in the sealing section (23) between glow tube (16) and connecting pin (17).

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