

Title (en)

ELECTRICALLY-HEATED GLOWPLUG AND METHOD FOR PRODUCTION OF AN ELECTRICALLY-HEATED GLOWPLUG

Title (de)

ELEKTRISCH BEHEIZBARE GLÜHKERZE UND VERFAHREN ZUR HERSTELLUNG EINER ELEKTRISCH BEHEIZBAREN GLÜHKERZE

Title (fr)

BOUGIE INCANDESCENTE A CHAUFFAGE ELECTRIQUE ET PROCEDE DE PRODUCTION D'UNE BOUGIE INCANDESCENTE A CHAUFFAGE ELECTRIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03040625A1] An electrically-heated glowplug (1) and a method for production of an electrically-heated glowplug (1) are disclosed, which permit an improved decoupling between a heating coil (15) and a combustion-chamber end of a glow tube (10). The electrically heated glowplug (1) for internal combustion engines, comprises a metallic glow tube (15), sealed to the combustion chamber, in which an electrically conducting heating coil (15) is housed. The heating coil (15) is electrically connected to the glow tube (10) in the region of the end (20) of the glow tube (10), which is sealed to the combustion chamber. A sealing agent (25) is provided which seals the glow tube (10) to the combustion chamber and supports the heating coil and which extends into the heating coil (15) on an internal side (70) of the heating coil (15), only in the case of a fixing of the heating coil (15), by means of the sealing agent (25), whereby in said case the sealing agent (25) essentially contacts the internal side (70) of the heating coil (15) over the entire length of the extension thereof into the heating coil (15).

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