

Title (en)
SPARK PLUGS WITH CENTRAL ELECTRODE

Title (de)
ZÜNDKERZEN MIT MITTELELEKTRODE

Title (fr)
BOUGIES D'ALLUMAGE À ELECTRODE CENTRALE

Publication
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Application
EP 15804147 A 20151203

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Abstract (en)
[origin: WO2016096462A1] The invention relates to a spark plug (1) having a housing (2), an insulator (3) which is arranged in the housing (2), a central electrode (10) which is arranged in the insulator (3), and a ground electrode (5) which is arranged on the housing (2). The ground electrode (5) and the central electrode (10) are arranged relative to each other such that the ground electrode (5) and the central electrode (10) form an ignition gap, and a central electrode head (4) of the central electrode (10) lies on a seat (3a) formed on an inner face of the insulator (3). The central electrode (10) has an electrode main part (11) and a core (12) which is arranged in the electrode main part (11), said core (12) consisting of a material which has a higher heat conductivity than the material of the electrode main part (11), and the electrode main part (11) has a diameter (dE) which is not greater than 1.7 mm.

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Citation (examination)
• US 2009127998 A1 20090521 - KYUNO JIRO [JP], et al
• DE 102004044152 A1 20050407 - NGK SPARK PLUG CO [JP]
• JP 2005108821 A 20050421 - NGK SPARK PLUG CO
• JP 2005327743 A 20051124 - NGK SPARK PLUG CO
• US 6528929 B1 20030304 - MATSUTANI WATARU [JP], et al

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