

Title (en)
SPARKPLUG FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ZÜNDKERZE FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
BOUGIE D'ALLUMAGE POUR UN MOTEUR A COMBUSTION INTERNE

Publication
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Application
EP 06831242 A 20060928

Priority
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Abstract (en)
[origin: WO2007054648A1] Sparkplug (1) for the internal combustion engine of a motor vehicle, of substantially cylindrical overall shape, comprising:
- an essentially capacitive lower part (C) comprising: two coaxial electrodes: an internal electrode of axis (D) termed the central electrode (3) and an external electrode termed the shell (2) surrounding the central electrode (3) an electrically insulating block termed the insulator (4) inserted between the central electrode (3) and the shell (2), - an essentially inductive upper part (I) comprising: a central sleeve (8) surrounded by a coil (5), a bottom end part (57) of which surrounds a top end part (31) of the central electrode (3) an external casing (6), an insulator (7) inserted radially between the casing (6) and the coil (5) characterized in that the top end part (31) of the central electrode (3) has a coating (9) of material which: - has greater electrical conductivity than the material of the central electrode (3), - has no ferromagnetic properties.

IPC 8 full level
H01T 13/39 (2006.01); **H01T 13/44** (2006.01)

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