

Title (en)
RADIOFREQUENCY PLASMA SPARK PLUG

Title (de)
FUNKFREQUENZ-PLASMAZÜNDKERZE

Title (fr)
BOUGIE A PLASMA RADIOFREQUENCE

Publication
EP 1815570 A1 20070808 (FR)

Application
EP 05815563 A 20051027

Priority
• FR 2005050909 W 20051027
• FR 0412153 A 20041116

Abstract (en)
[origin: WO2006054009A1] The invention concerns a so-called radiofrequency plasma spark plug (1) designed to equip a combustion chamber (2) comprising: an annular shell (3) with a main axis D; a central electrode (7) made of a second conductive material, extending along the main axis D and including an inner portion (8) arranged inside said annular shell (3) and an outer portion (9) arranged outside said annular shell (3); an annular electrically insulating part (10) extending at least about the inner portion (8) of the central electrode (7) so as to be interposed between the shell (3) and the electrode (7), said insulating part (10) only covering part of the outer portion (9) of the central electrode (7). The insulating part (10) having an annular flange (11) concealing the entire circular terminal surface (6) of the shell relative to the uncovered part (16) of the electrode (7).

IPC 8 full level
H01T 13/50 (2006.01); **H01T 13/52** (2006.01)

CPC (source: EP KR US)
H01T 13/50 (2013.01 - EP US); **H01T 13/52** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2006054009A1

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