

Title (en)
SPARK PLUG COMPRISING A GROUND ELECTRODE SUPPORT

Title (de)
ZÜNDKERZE MIT MASSELEKTRODENTRÄGER

Title (fr)
BOUGIE D'ALLUMAGE A SUPPORT POUR ELECTRODE DE MASSE

Publication
EP 2208268 B1 20110511 (DE)

Application
EP 08846605 A 20081024

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• AT 2008000389 W 20081024
• AT 17752007 A 20071105

Abstract (en)
[origin: WO2009059339A1] The invention relates to a spark plug of an internal combustion engine, especially for use in Otto gas engines. Said spark plug comprises, supported by an insulating body (1), a preferably one-piece spark plug shell (2) and a center electrode (3), which is especially rod-shaped or has a plurality of electrode fingers, and at least one ground electrode (4), preferably a plurality of ground electrodes, the center electrode (3) and the at least one ground electrode (4) being surrounded by a chamber, especially a pre-chamber (5a) or a swirl chamber (5b) supported by the spark plug shell (2), or being located inside said chamber (5a, 5b). The invention is characterized in that the ground electrode(s) (4) has/have a support (6) secured to the spark plug shell (2) or arranged thereon as the base, or branch(es) off therefrom, and in that said ground electrode support (6) and every finger-type ground electrode (4) branching off therefrom is arranged at a distance (21) from the inner wall surface (7) of the chamber (5a, 5b).

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