

Title (en)

OPEN-CHAMBER MULTI-SPARK PLUG

Title (de)

MEHRFACH-ZÜNDKERZE MIT OFFENER KAMMER

Title (fr)

BOUGIE MULTI-ETINCELLES A CHAMBRE OUVERTE

Publication

EP 1869739 B1 20110907 (FR)

Application

EP 06726308 A 20060405

Priority

- FR 2006050302 W 20060405
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Abstract (en)

[origin: WO2006106267A1] The invention concerns an internal combustion engine radio frequency spark plug (1) comprising two plasma-generating electrodes (2, 3) separated by an insulator (4) which constitute respectively an outer shell (3) enclosing the insulator and a central electrode (2) housed in a central bore of the insulator. The invention is characterized in that it has a deep opening (6) over the entire circumference of the shell (3), forming a heat-exchanging chamber inside the spark plug shell (1), opening outwards.

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 KR US); **H01T 13/52** (2013.01 - EP KR US)

Cited by

DE102014112674A1; US9525272B2

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