

Title (en)

Spark plug and combustion chamber arrangement

Title (de)

Zündkerze und Brennraumanordnung

Title (fr)

Bougie d'allumage et arrangement de chambre de combustion

Publication

EP 1311041 A3 20060920 (DE)

Application

EP 02021527 A 20020926

Priority

DE 10155404 A 20011110

Abstract (en)

[origin: EP1311041A2] A spark plug (1) has a tubular metal casing (2), in which an insulator (4) is embedded. A rod-shaped inner conductor structure fits in the insulator and has a terminal stud (11), a current-limiting resistor (12), a coated contact pin (13) and a central electrode (5). An earth electrode fits on the casing. The central electrode and/or the earth electrode have a feeder area (8) for feeding a combustible mixture to a preset spark gap. <??>An Independent claim is also included for a combustion chamber structure with a spark plug and an injection valve that has two injection holes, whose mixture jets flank the spark plug.

IPC 8 full level

F02P 13/00 (2006.01); **H01T 13/20** (2006.01); **H01T 13/08** (2006.01); **H01T 13/32** (2006.01); **H01T 13/39** (2006.01); **H01T 13/40** (2006.01); **H01T 13/46** (2006.01)

CPC (source: EP KR)

F02P 13/00 (2013.01 - KR); **H01T 13/20** (2013.01 - EP); **H01T 13/32** (2013.01 - EP); **H01T 13/39** (2013.01 - EP)

Citation (search report)

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- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14 5 March 2001 (2001-03-05)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13 5 February 2001 (2001-02-05)

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