

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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- [A] DE 10108864 A1 20010823 - SAGEM [FR]
- [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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Designated contracting state (EPC)

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DOCDB simple family (application)

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