

Title (en)

Multiple spark surface discharge spark plug

Title (de)

Gleitfunkenzündkerze mit mehreren Funken

Title (fr)

Bougie d'allumage à effet de surface à étincelles multiples

Publication

**EP 1594201 B1 20070711 (FR)**

Application

**EP 05300358 A 20050504**

Priority

FR 0404940 A 20040507

Abstract (en)

[origin: EP1594201A1] The plug has a counter-electrode (15), for each of two high voltage electrodes (11), connected to a ground electrode (16) and inserted in an insulating body. An end of the electrode (16) is placed at the plumb of a pin of the corresponding electrode (11) to generate sufficient amplification of the electric field at the pin end level to spout an ignition spark towards the electrode (16) while applying high voltage to the electrode (11). An independent claim is also included for a cylinder head of a combustion engine of a motor vehicle.

IPC 8 full level

**H01T 13/52** (2006.01); **H01T 13/46** (2006.01)

CPC (source: EP)

**H01T 13/467** (2013.01); **H01T 13/52** (2013.01)

Cited by

US9441604B2; WO2008017601A1

Designated contracting state (EPC)

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**EP 1594201 A1 20051109**; **EP 1594201 B1 20070711**; DE 602005001573 D1 20070823; DE 602005001573 T2 20080313; FR 2870052 A1 20051111; FR 2870052 B1 20060623

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