

Title (en)

A method for producing a spark plug

Title (de)

Herstellungsverfahren einer Zündkerze

Title (fr)

Méthode de fabrication d'une bougie d'allumage

Publication

**EP 0975075 A2 20000126 (EN)**

Application

**EP 99122560 A 19970627**

Priority

- EP 97110583 A 19970627
- JP 18834796 A 19960628
- JP 33511996 A 19961128

Abstract (en)

A method for producing a spark plug comprising a central electrode, an insulator provided exterior to the central electrode, main metallic shell provided exterior to the insulator in such a way that the central electrode protrudes from one end, and a ground electrode coupled at one end to the metallic shell and which has the other end disposed to face the central electrode (3), with a chip being secured to either the central electrode or the ground electrode or both to form spark discharge gap (g). The chip is made by working an alloy including Ir based alloy, including Rh in an amount ranging from 3 wt.% to less than 50 wt.% to a chip of desired dimensions. <IMAGE>

IPC 1-7

**H01T 21/02**

IPC 8 full level

**F02P 13/00** (2006.01); **C22C 5/04** (2006.01); **H01T 13/39** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP US)

**H01T 13/39** (2013.01 - EP US); **H01T 21/02** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0817341 A1 19980107**; **EP 0817341 B1 20000906**; **EP 0817341 B2 20031210**; CN 1059293 C 20001206; CN 1170980 A 19980121; DE 69703011 D1 20001012; DE 69703011 T2 20010111; DE 69703011 T3 20040527; EP 0975075 A2 20000126; EP 0975075 A3 20000202; JP 3461670 B2 20031027; JP H1074575 A 19980317; KR 100355886 B1 20021226; KR 980006677 A 19980330; US RE43758 E 20121023

DOCDB simple family (application)

**EP 97110583 A 19970627**; CN 97113548 A 19970627; DE 69703011 T 19970627; EP 99122560 A 19970627; JP 33511996 A 19961128; KR 19970027677 A 19970626; US 49552406 A 20060731