

Title (en)

ELECTRICALLY CONDUCTIVE SEALING COMPOUND FOR SPARKING PLUGS

Title (de)

ELEKTRISCH LEITENDE DICHTUNGSMASSE FÜR ZÜNDKERZEN

Title (fr)

PATE D'ETANCHEITE ELECTRIQUEMENT CONDUCTRICE POUR BOUGIES D'ALLUMAGE

Publication

**EP 0646292 B1 19970716 (DE)**

Application

**EP 94906837 A 19940205**

Priority

- DE 9400115 W 19940205
- DE 4306402 A 19930302

Abstract (en)

[origin: WO9421015A1] The proposal is for an electrically conductive sealing compound for a set of contacts for sparking plugs which is arranged between the terminal and ignition sides of a central electrode, the sealing compound containing essentially a meltable glass component and a powdered electrically conductive component. The electrically conductive component of the sealing compound consists solely of graphite and represents 10 to 30 vol. % in relation to the powdered components of the sealing compound.

IPC 1-7

**H01T 13/41**; **H01T 13/34**

IPC 8 full level

**H01T 13/34** (2006.01); **H01T 13/41** (2006.01)

CPC (source: EP KR US)

**H01T 13/34** (2013.01 - EP KR US); **H01T 13/41** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 4306402 A1 19940908**; CN 1038628 C 19980603; CN 1103540 A 19950607; DE 59403368 D1 19970821; EP 0646292 A1 19950405; EP 0646292 B1 19970716; JP H07506698 A 19950720; KR 100289758 B1 20010515; KR 950701462 A 19950323; US 5565730 A 19961015; WO 9421015 A1 19940915

DOCDB simple family (application)

**DE 4306402 A 19930302**; CN 94190101 A 19940205; DE 59403368 T 19940205; DE 9400115 W 19940205; EP 94906837 A 19940205; JP 51943994 A 19940205; KR 19940703898 A 19941028; US 31310094 A 19940930