

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