

Title (en)

ELECTRICALLY CONDUCTIVE SEALING MASS FOR SPARKING PLUGS

Title (de)

ELEKTRISCH LEITENDE DICHTMASSE FÜR ZÜNDKERZEN

Title (fr)

MATERIAU D'ETANCHEITE ELECTROCONDUCTEUR POUR BOUGIES D'ALLUMAGE

Publication

**EP 1131865 A1 20010912 (DE)**

Application

**EP 99963235 A 19991113**

Priority

- DE 9903622 W 19991113
- DE 19853844 A 19981123

Abstract (en)

[origin: DE19853844A1] A spark plug has a temperature resistant, low thermal expansion sealant (16) containing ceramic and metallic components. A novel spark plug has a central electrode (14) sealed in an insulator (11) by a temperature resistant sealant (16) containing a metallic component of melting temperature above the service temperature and a ceramic component exhibiting low thermal expansion.

IPC 1-7

**H01T 13/36**; **H01T 13/41**

IPC 8 full level

**F16J 15/10** (2006.01); **H01T 13/20** (2006.01); **H01T 13/34** (2006.01); **H01T 13/36** (2006.01); **H01T 13/41** (2006.01)

CPC (source: EP US)

**H01T 13/36** (2013.01 - EP US); **H01T 13/41** (2013.01 - EP US)

Citation (search report)

See references of WO 0031843A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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**DE 19853844 A 19981123**; BR 9915565 A 19991113; CN 99813588 A 19991113; DE 9903622 W 19991113; EP 99963235 A 19991113; JP 2000584570 A 19991113; RU 2001116576 A 19991113; US 85620401 A 20010518