

Title (en)

Electrodes with fibre composite materials for a plug.

Title (de)

Elektrode aus Faserverbundwerkstoff für Zündkerze.

Title (fr)

Electrodes à matériaux composites fibreux pour bougie.

Publication

EP 0554853 B1 19950607 (DE)

Application

EP 93101659 A 19930203

Priority

DE 4203251 A 19920205

Abstract (en)

[origin: EP0554853A1] Spark plug having an insulator (5), a centre electrode (1) arranged in the insulator (5), a body provided on the outside of the insulator and a body electrode (3) fitted on the body. The centre electrode (1) and/or the body electrode (3) are formed using a platinum-nickel fibrous composite material (2, 4) which consists of a platinum matrix in which nickel fibres are embedded, or of a nickel matrix in which platinum fibres are embedded.

IPC 1-7

H01T 13/39; B29C 53/06; B29C 63/06; B29C 63/04

IPC 8 full level

F02P 13/00 (2006.01); **B29C 53/06** (2006.01); **B29C 63/04** (2006.01); **B29C 63/06** (2006.01); **H01T 13/20** (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP US)

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DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0554853 A1 19930811; **EP 0554853 B1 19950607**; DE 4203251 A1 19930812; DE 59300237 D1 19950713; ES 2073310 T3 19950801; JP 3436556 B2 20030811; JP H0613157 A 19940121; US 5510667 A 19960423

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EP 93101659 A 19930203; DE 4203251 A 19920205; DE 59300237 T 19930203; ES 93101659 T 19930203; JP 4069493 A 19930205; US 1502493 A 19930205