

Title (en)

Spark plug with a platinum tip on its outer electrode.

Title (de)

Zündkerze mit einem Platinstift auf seiner ausseren Elektrode.

Title (fr)

Bougie d'allumage ayant une pointe de platine sur son électrode extérieure.

Publication

EP 0518707 A2 19921216 (EN)

Application

EP 92305477 A 19920615

Priority

JP 14209491 A 19910613

Abstract (en)

In a spark plug which has a center electrode disposed in a metallic shell through an insulator so that a front end of the center electrode forms a spark gap with an outer electrode extended from the metallic shell, the outer electrode has a heat-conductive core metal cladded by a matrix metal which is made from nickel-based alloy containing 10 SIMILAR 20 wt% chromium. A platinum tip is welded to the outer electrode so that a spaced distance between a circumferential edge of the welded portion and a front end of the core metal falls within a range from 0.0 mm to 2.0 mm.
<IMAGE>

IPC 1-7

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IPC 8 full level

H01T 13/32 (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP)

H01T 13/32 (2013.01); **H01T 13/39** (2013.01)

Cited by

US5556315A; CZ297483B6; EP1143587A3; EP0725463A1; US5456624A; AT522986A1; AT522986B1; US6523515B2; US8217561B2

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