

Title (en)

A spark plug for an internal combustion engine

Title (de)

Zündkerze für einen Verbrennungsmotor

Title (fr)

Bougie d'allumage pour moteur à combustion interne

Publication

EP 0725463 B1 20000712 (EN)

Application

EP 96300722 A 19960201

Priority

JP 1492095 A 19950201

Abstract (en)

[origin: EP0725463A1] In a spark plug (1) for an internal combustion engine, an insulator (2) has a concentric axial bore (2a) in which a center electrode (3) is placed with a front end (3a) of the center electrode extending beyond a front end portion (2b) of the insulator. A metallic shell (4) is placed to support the insulator (2). An outer electrode (5) is connected to a front end (4a) of the metallic shell (4) to form a spark gap (G) with the front end portion (3a) of the center electrode (3). At least an outer surface of the outer electrode (5) is formed by a smoothly curved profile so as to smoothly run air-fuel mixture along the outer electrode (5). <IMAGE> <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1850433A1; EP1775808A1; EP2299551A4; US8120235B2; US8072125B2; US6731052B2; US7714489B2; US10826279B1

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