

Title (en)

Silver-nickel composite material for electrical contacts and electrodes.

Title (de)

Silber-Nickel-Verbundwerkstoff für elektrische Kontakte und Elektroden.

Title (fr)

Matériau composite argent-nickel pour des contacts électriques et électrodes.

Publication

EP 0554792 B1 19951102 (DE)

Application

EP 93101302 A 19930128

Priority

DE 4203250 A 19920205

Abstract (en)

[origin: EP0554792A2] Silver-nickel composite material for electrical contacts and electrodes, especially for spark plug electrodes. In order to avoid chemical attack on the nickel component, the silver component consists of an oxygen-impermeable silver alloy and the nickel component consists of nickel or a nickel alloy. As a result, contacts and electrodes can be manufactured which have a long service life.

IPC 1-7

H01T 13/39

IPC 8 full level

C22C 49/00 (2006.01); **C22C 5/06** (2006.01); **C22C 19/00** (2006.01); **C22C 47/00** (2006.01); **C22C 49/08** (2006.01); **H01T 13/20** (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP US)

H01T 13/39 (2013.01 - EP US); **Y10T 428/12486** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0554792 A2 19930811; **EP 0554792 A3 19931124**; **EP 0554792 B1 19951102**; DE 4203250 A1 19930812; DE 59300833 D1 19951207; ES 2079215 T3 19960101; JP H0676917 A 19940318; US 5500304 A 19960319

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EP 93101302 A 19930128; DE 4203250 A 19920205; DE 59300833 T 19930128; ES 93101302 T 19930128; JP 4069393 A 19930205; US 39304095 A 19950223