

Title (en)
SPARK PLUG ELECTRODE ALLOY

Title (de)
LEGIERUNG FÜR ZÜNDKERZEN

Title (fr)
ALLIAGE POUR ELECTRODES DE BOUGIES D'ALLUMAGE

Publication
EP 1090155 A1 20010411 (EN)

Application
EP 99930453 A 19990622

Priority
• US 9913891 W 19990622
• US 10712298 A 19980630

Abstract (en)
[origin: WO0000652A1] A nickel, aluminum-based electrode alloy comprising, by weight: (i) between 0.75 and 2.2 % aluminum; (ii) between 1.1 and 1.75 % silicon; (iii) between 1.45 and 1.9 % chromium; (iv) between 0.6 % manganese; (v) between 0.5 % iron; (vi) between 0.05 % carbon; (vii) between 0.2 % of the combination of titanium, zirconium, and impurities; and (viii) the remainder nickel. The alloy is used for electrodes in spark plugs.

IPC 1-7
C22C 19/05; **H01T 13/39**

IPC 8 full level
C22C 19/05 (2006.01); **H01T 13/39** (2006.01)

CPC (source: EP)
C22C 19/058 (2013.01); **H01T 13/39** (2013.01)

Citation (search report)
See references of WO 0000652A1

Designated contracting state (EPC)
BE DE FR GB IE IT SE

DOCDB simple family (publication)
WO 0000652 A1 20000106; EP 1090155 A1 20010411

DOCDB simple family (application)
US 9913891 W 19990622; EP 99930453 A 19990622