

Title (en)

Alloy based on nickel and its application for spark plug electrodes

Title (de)

Legierung auf der Basis von Nickel und deren Verwendung für Zündkerzenelektroden

Title (fr)

Alliage à base de nickel et son utilisation pour les électrodes d'allumage

Publication

EP 1867739 B1 20101013 (DE)

Application

EP 07009792 A 20070516

Priority

DE 102006023374 A 20060516

Abstract (en)

[origin: DE102006023374A1] Nickel-based alloy containing (wt.%):Si (1.5-2.5), Al (1.5-3), Mn (0-0.5), and Ti (0.05-0.2), in combination with Zr (0.1-0.3) where the Zr can be replaced completely or partially by Hf. .

IPC 8 full level

C22C 19/00 (2006.01); **C22C 19/03** (2006.01)

CPC (source: EP)

C22C 19/007 (2013.01); **C22C 19/03** (2013.01)

Cited by

DE102010024488A1; DE102010004345A1; DE102013004365A1; CN104532064A; CN102337426A; DE102010024488B4; DE102013004365B4; DE102010004345B4; US9360051B2; US8283846B2; WO2011160617A2; US8784730B2; WO2014139490A1; US9932656B2

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DOCDB simple family (publication)

EP 1867739 A1 20071219; **EP 1867739 B1 20101013**; AT E484603 T1 20101015; DE 102006023374 A1 20071122; DE 502007005316 D1 20101125; EP 2343389 A1 20110713; EP 2343389 B1 20140108

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EP 07009792 A 20070516; AT 07009792 T 20070516; DE 102006023374 A 20060516; DE 502007005316 T 20070516; EP 10008490 A 20070516