

Title (en)

PT-IR-BASED WIRE HARDENED BY OXIDE DISPERSION AND OTHER ALLOYS PROVIDED WITH AN IMPROVED SURFACE FOR SPARK PLUG ELECTRODES

Title (de)

DRAHT AUS OXIDDISPERSIONSGEHÄRTETEM PT-IR- UND ANDEREN LEGIERUNGEN MIT VERBESSERTER OBERFLÄCHE FÜR ZÜNDKERZENELEKTRODEN

Title (fr)

FIL A BASE DE PT-IR DURCI PAR DISPERSION D'OXYDE ET D'AUTRES ALLIAGES, A SURFACE AMELIOREE POUR DES ELECTRODES DE BOUGIES D'ALLUMAGE

Publication

**EP 1917370 B1 20090415 (DE)**

Application

**EP 06776674 A 20060808**

Priority

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Abstract (en)

[origin: WO2007019990A1] The invention relates to a wire or strip made of an alloy hardened by an oxide dispersion which is based on platinum or palladium or the mixture thereof and is characterised in that the wire or strip cross-section comprises an edge area in which a relatively easily volatile oxide generator is reduced at least by 25 %. A method for producing the wire or strip made of the alloy hardened by the oxide dispersion which is based on platinum or palladium or the mixture thereof is also disclosed. The inventive method consists in thermally producing a porous skin on the wire or strip made of the alloy hardened by the oxide dispersion and in compressing said porous skin in the form of a elastic or impermeable skin.

IPC 8 full level

**C22C 5/04** (2006.01)

CPC (source: EP US)

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