Title (en)

USE OF A HOT GAS CORROSION-RESISTANT DUCTILE ALLOY

Title (de)

VERWENDUNG EINER HEISSGASKORROSIONSBESTÄNDIGEN DUKTILEN LEGIERUNG

Title (fr)

UTILISATION D'UN ALLIAGE DUCTILE RÉSISTANT À LA CORROSION PAR LES GAZ CHAUDS

Publication

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Application

EP 12723861 A 20120523

Priority

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- EP 2012059585 W 20120523

Abstract (en)

[origin: WO2012175271A2] The invention relates to the use of a hot gas corrosion-resistant ductile alloy, containing 36 to 39 wt.-% nickel, 20 to 23 wt.-% chromium, 0 to 0.12 wt.-% carbon, 0 to 1 wt.-% manganese, 1.3 to 2.2 wt.-% silicon, 0 to 0.5 wt.-% aluminum, 0.03 to 0.5 wt.-% lanthanum, 0 to 0.03 wt.-% sulphur, 0 to 0.03 wt.-% phosphorus, and 0 to 0.5 wt.-% copper, remainder iron, the sum of all components not exceeding 100 wt.-%, as a material for glow tubes of sheathed glow plugs for compression-ignition engines and other components that are exposed to high temperatures and corrosive gases.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2012175271A2

Designated contracting state (EPC)

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