

Title (en)

NICKEL-BASED ALLOY COMPOSITION FOR HIGH THERMAL RESISTANCE ELEMENTS, IN PARTICULAR FOR HOT DEFORMATION PROCESS TOOLS AND FOR HIGH TEMPERATURE WORKING

Title (de)

AUF NICKEL BASIERENDE LEGIERUNG FÜR HOCHTEMPERATURBESTÄNDIGE ELEMENTE, INSBESONDERE FÜR HEISSVERFORMUNGSWERKZEUGE UND DIE HOCHTEMPERATURBERABEITUNG

Title (fr)

COMPOSITION D'ALLIAGE A BASE DE NICKEL CON UE POUR DES ELEMENTS A RESISTANCE THERMIQUE ELEVEE, NOTAMMENT DES OUTILS DESTINES A UN PROCEDE DE DEFORMATION A CHAUD OU UN USINAGE A TEMPERATURE ELEVEE

Publication

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Application

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Priority

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- IT RM20000649 A 20001207

Abstract (en)

[origin: WO0246485A1] Nickel-based composition particularly suitable for high thermal resistance elements, in particular for hot deformation process tools and for high temperature working, like, e.g. dies for isothermal forming, comprising: a Nickel (Ni) content ranging from 57.0 % to 62.0 %; a maximum Tungsten (W) content of 10.0 % and a maximum Iron (Fe) content of 1.5 %. in Fig. a die for high temperature applications made of said composition is shown.

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C22C 19/05

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