

Title (en)

NICKEL-BASED ALLOY, POWDER, METHOD AND COMPONENT

Title (de)

NICKELBASISLEGIERUNG, PULVER, VERFAHREN UND BAUTEIL

Title (fr)

ALLIAGE À BASE DE NICKEL, POUDRE, PROCÉDÉ ET COMPOSANT

Publication

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Application

EP 21735609 A 20210617

Priority

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- EP 2021066388 W 20210617

Abstract (en)

[origin: WO2021259750A1] The invention relates to a nickel-based alloy which comprises at least the following alloy elements in wt.-%: cobalt (Co) 10.3 - 10.7, chromium (Cr) 9.8 - 10.2, tungstene (W) 9.3 - 9.7, aluminum (Al) 5.2 - 5.7, hafnium (Hf) 1.8 - 2.2, tantalum (Ta) 1.9 - 2.1, molybdene (Mo) 0.4 - 0.6, the remainder being nickel and impurities.

IPC 8 full level

B22F 10/28 (2006.01); **B33Y 10/00** (2006.01); **B33Y 70/00** (2006.01); **B33Y 80/00** (2006.01); **C22C 1/04** (2006.01); **C22C 19/05** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2021259750A1

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