

Title (en)

SX NICKEL ALLOY WITH IMPROVED TMF PROPERTIES, RAW MATERIAL AND COMPONENT

Title (de)

SX-NICKEL-LEGIERUNG MIT VERBESSERTEN TMF-EIGENSCHAFTEN, ROHMATERIAL UND BAUTEIL

Title (fr)

ALLIAGE NICKEL SX AYANT DES PROPRIETES TMF AMELIOREES, MATERIAU BRUT ET COMPOSANT

Publication

EP 3287535 A1 20180228 (DE)

Application

EP 16185120 A 20160822

Priority

EP 16185120 A 20160822

Abstract (en)

[origin: WO2018036797A1] The invention relates to an improved composition of a nickel-based superalloy with Ni-8Cr-10Co-0.6Mo-8Ta-1.25Re-5.7Al-0Ti- 0.1Hf-0.25Si-0.008B-0.0210C-0.02Y, by means of which composition improved TMF properties are achieved.

Abstract (de)

Durch eine verbesserte Zusammensetzung einer nickelbasierten Superlegierung mit Ni-8Cr-10Co-0,6Mo-8Ta-1,25Re-5,7Al-0Ti-0,1Hf-0,25Si-0,008B-0,0210C-0,02Y werden verbessernde TMF-Eigenschaften erreicht.

IPC 8 full level

C22C 19/05 (2006.01)

CPC (source: EP US)

C22C 19/057 (2013.01 - EP US)

Citation (search report)

- [A] GB 2235697 A 19910313 - GEN ELECTRIC [US]
- [A] WO 2006067189 A1 20060629 - SIEMENS AG [DE], et al
- [A] EP 2631324 A1 20130828 - NAT INST FOR MATERIALS SCIENCE [JP]
- [A] US 6375766 B1 20020423 - CZECH NORBERT [DE]
- [A] WO 2010043375 A1 20100422 - SCHMIDT & CLEMENS GMBH & CO KG [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (application)

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