

Title (en)

NI-GROUP SUPERALLOY STRENGTHENED BY OXIDE-PARTICLE DISPERSION

Title (de)

DURCH OXIDPARTIKELDISPERSION VERSTÄRKTE NI-GRUPPEN-SUPERLEGIERUNG

Title (fr)

SUPERALLIAGE À BASE DE NI TYPE RENFORCÉ À DISPERSION DE PARTICULES D'OXYDE

Publication

EP 3031939 A1 20160615 (EN)

Application

EP 14834221 A 20140804

Priority

- JP 2013162525 A 20130805
- JP 2014070501 W 20140804

Abstract (en)

An oxide particle dispersion-strengthened Ni-base superalloy includes Ni, 0.1% by weight to 14.0% by weight of Ru, 0.1% by weight to 14.0% by weight of Al, and inevitable impurities and has a crystal structure containing 0.01% by weight to 3.0% by weight of dispersed oxide particles based on the total amount of the superalloy.

IPC 8 full level

C22C 19/03 (2006.01); **C22C 19/05** (2006.01)

CPC (source: EP US)

C22C 19/007 (2013.01 - EP US); **C22C 19/057** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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