

Title (en)

High temperature resistant article

Title (de)

Hochtemperaturbeständiges Bauteil

Title (fr)

Pièce résistante à des températures élevées

Publication

EP 1536026 A1 20050601 (DE)

Application

EP 03027388 A 20031127

Priority

EP 03027388 A 20031127

Abstract (en)

A high temperature resistant alloy component with gamma-phase deposits in which the alloy has at least one strength provider (SP) at a concentration of up to 2000 ppm, which increases the strength of the alloy because of the presence of gamma-deposits.

Abstract (de)

Die Erfindung betrifft ein hochtemperaturbeständiges Bauteil aus einer Legierung, insbesondere eine Nickel-Basis-Superlegierung in folgender Zusammensetzung in Gewichtsprozent: 9-13 % Cr, 3-5 % W, 0,5-2,5 % Mo, 3-5 % Al, 3-5 % Ti, 3-7 % Ta, 1-5 % Re, bis 2000 ppm Festigkeitsförderer (Sn), Rest Nickel. <IMAGE>

IPC 1-7

C22C 19/00; **C22C 19/05**

IPC 8 full level

C22C 19/00 (2006.01); **C22C 19/05** (2006.01)

CPC (source: EP US)

C22C 19/056 (2013.01 - EP US); **C22C 19/057** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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