

Title (en)

ALLOY FOR DIRECTIONAL SOLIDIFICATION AND COLUMNAR GRAINED COMPONENT

Title (de)

LEGIERUNG ZUR GERICHTETEN ERSTARRUNG UND BAUTEIL AUS STÄNGELFÖRMIGEN KRISTALLEN

Title (fr)

ALLIAGE POUR UNE SOLIDIFICATION DIRECTIONELLE ET L'ARTICLE À GRAINS EN FORME DE COLONNE

Publication

EP 2491156 A1 20120829 (DE)

Application

EP 09756148 A 20091020

Priority

EP 2009063737 W 20091020

Abstract (en)

[origin: WO2011047714A1] Known nickel-based super alloys for producing components made of stem-shaped single crystals do not provide sufficiently for grain boundary strength. The proposed nickel-based super alloy has a low molybdenum content and very accurately adjusted values for elements having grain boundary strength and elements that precipitate in grain boundaries.

IPC 8 full level

C22C 19/05 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011047714A1

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