

Title (en)

ALLOY, RAW WORKPIECE, COMPONENT CONSISTING OF AUSTENITE, AND METHOD FOR HEAT-TREATING AN AUSTENITE

Title (de)

LEGIERUNG, ROHTEIL, BAUTEIL AUS AUSTENIT SOWIE EIN VERFAHREN ZUR WÄRMEBEHANDLUNG EINES AUSTENITS

Title (fr)

ALLIAGE, PIÈCE À USINER BRUTE, COMPOSANT CONSTITUÉ D'AUSTÉNITE ET PROCÉDÉ DE TRAITEMENT THERMIQUE D'UNE AUSTÉNITE

Publication

**EP 4208579 A1 20230712 (DE)**

Application

**EP 21773010 A 20210901**

Priority

- DE 102020213539 A 20201028
- EP 2021074100 W 20210901

Abstract (en)

[origin: WO2022089814A1] Alloy, raw workpiece, component consisting of austenite, and method. The new alloy allows austenites to be used at higher temperatures, with new heat treatments also being used.

IPC 8 full level

**C22C 38/44** (2006.01); **C21D 1/26** (2006.01); **C21D 6/00** (2006.01); **C21D 6/02** (2006.01); **C21D 8/00** (2006.01); **C21D 9/00** (2006.01); **C21D 9/40** (2006.01); **C22C 30/00** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/06** (2006.01); **C22C 38/46** (2006.01); **C22C 38/48** (2006.01); **C22C 38/50** (2006.01); **C22C 38/54** (2006.01); **C22C 38/58** (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP KR)

**C21D 1/26** (2013.01 - EP KR); **C21D 6/004** (2013.01 - EP KR); **C21D 6/02** (2013.01 - EP KR); **C21D 8/005** (2013.01 - EP KR); **C21D 9/0068** (2013.01 - EP KR); **C21D 9/40** (2013.01 - EP KR); **C22C 30/00** (2013.01 - EP KR); **C22C 38/001** (2013.01 - EP KR); **C22C 38/002** (2013.01 - EP); **C22C 38/008** (2013.01 - EP KR); **C22C 38/02** (2013.01 - EP); **C22C 38/06** (2013.01 - EP KR); **C22C 38/44** (2013.01 - EP KR); **C22C 38/46** (2013.01 - EP KR); **C22C 38/48** (2013.01 - EP KR); **C22C 38/50** (2013.01 - EP KR); **C22C 38/54** (2013.01 - EP KR); **C22C 38/58** (2013.01 - EP KR); **C22C 38/60** (2013.01 - EP)

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)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022089814 A1 20220505**; CN 116917526 A 20231020; DE 102020213539 A1 20220428; EP 4208579 A1 20230712; JP 2023554217 A 20231227; KR 20230095099 A 20230628

DOCDB simple family (application)

**EP 2021074100 W 20210901**; CN 202180073400 A 20210901; DE 102020213539 A 20201028; EP 21773010 A 20210901; JP 2023524089 A 20210901; KR 20237017646 A 20210901