

Title (en)
METALLIC ALLOY

Title (de)
METALLLEGIERUNG

Title (fr)
ALLIAGE MÉTALLIQUE

Publication
EP 3867416 A4 20221123 (EN)

Application
EP 20886209 A 20201120

Priority
• US 201962939106 P 20191122
• US 2020061575 W 20201120

Abstract (en)
[origin: WO2021141690A2] An alloy that may include nickel, aluminum from 4.8 wt.% to 5.15 wt.%;cobalt from 18 wt.% to 19 wt.%, chromium from 11.9 wt.% to 12.9 wt.%, molybdenum from 2.8 wt.% to 3.6 wt.%, and niobium from 0.05 wt.% to 0.1 wt.%. The alloy may further include tungsten from 0.05 wt.% to 0.1 wt.%. The alloy may further include tantalum from 0.05 wt.% to 0.1 wt.%.

IPC 8 full level
C22C 19/05 (2006.01)

CPC (source: EP US)
C22C 19/051 (2013.01 - EP); **C22C 19/056** (2013.01 - EP US)

Citation (search report)
• [I] DE 3537882 A1 19860619 - UNITED TECHNOLOGIES CORP [US]
• [A] US 2015354358 A1 20151210 - GRANDE III DANIEL A [US], et al
• [A] US 2018245188 A1 20180830 - YOKOTA KYOHEI [JP], et al
• See references of WO 2021141690A2

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 2021141690 A2 20210715; WO 2021141690 A3 20210826; EP 3867416 A2 20210825; EP 3867416 A4 20221123;
US 2021324499 A1 20211021

DOCDB simple family (application)
US 2020061575 W 20201120; EP 20886209 A 20201120; US 202117327189 A 20210521