

Title (en)

WEAR PART FOR AN ARC TORCH AND PLASMA TORCH, ARC TORCH AND PLASMA TORCH COMPRISING SAME, METHOD FOR PLASMA CUTTING AND METHOD FOR PRODUCING AN ELECTRODE FOR AN ARC TORCH AND PLASMA TORCH

Title (de)

VERSCHLEIßTEIL FÜR EINEN LICHTBOGENBRENNER UND PLASMABRENNER SOWIE LICHTBOGENBRENNER UND PLASMABRENNER MIT DEMSELBEN UND VERFAHREN ZUM PLASMASCHNEIDEN SOWIE VERFAHREN ZUR HERSTELLUNG EINER ELEKTRODE FÜR EINEN LICHTBOGENBRENNER UND PLASMABRENNER

Title (fr)

PIÈCE D'USURE POUR CHALUMEAU À ARC ET CHALUMEAU À PLASMA ET CHALUMEAU À ARC ET CHALUMEAU À PLASMA COMPRENANT CETTE PIÈCE D'USURE ET PROCÉDÉ DE DÉCOUPAGE AU PLASMA ET PROCÉDÉ DE FABRICATION D'UNE ÉLECTRODE POUR UN CHALUMEAU À ARC ET UN CHALUMEAU À PLASMA

Publication

EP 4029356 A2 20220720 (DE)

Application

EP 20740183 A 20200415

Priority

- DE 102019124521 A 20190912
- DE 2020100301 W 20200415

Abstract (en)

[origin: WO2021047708A2] The invention relates to a wear part for an arc torch, plasma torch or plasma cutting torch, characterised in that the wear part or at least one part or a region of the wear part consists of an alloy formed from silver and zirconium, silver and hafnium, or silver and zirconium and hafnium.

IPC 8 full level

H05H 1/26 (2006.01); **H05H 1/34** (2006.01)

CPC (source: CN EP KR US)

B23K 9/24 (2013.01 - CN); **B23K 9/26** (2013.01 - CN); **B23K 9/285** (2013.01 - CN); **B23K 10/00** (2013.01 - CN); **B23K 10/006** (2013.01 - US); **H05H 1/34** (2013.01 - CN EP KR US); **H05H 1/3421** (2021.05 - EP KR); **H05H 1/3436** (2021.05 - EP KR); **H05H 1/3442** (2021.05 - EP KR); **H05H 1/3478** (2021.05 - EP KR)

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

DOCDB simple family (publication)

WO 2021047708 A2 20210318; **WO 2021047708 A3 20211021**; BR 112022004676 A2 20220809; CA 3150242 A1 20210318; CN 114430705 A 20220503; CN 114430705 B 20231017; EP 4029356 A2 20220720; JP 2023501045 A 20230118; KR 20220061211 A 20220512; US 2022346216 A1 20221027

DOCDB simple family (application)

DE 2020100301 W 20200415; BR 112022004676 A 20200415; CA 3150242 A 20200415; CN 202080064722 A 20200415; EP 20740183 A 20200415; JP 2022515032 A 20200415; KR 20227011980 A 20200415; US 202017642619 A 20200415