

Title (en)

PREPARATION FOR PRE-TREATING SURFACES BY CHEMICALLY CONVERTING OXIDE LAYERS OF TITANIUM OR TITANIUM ALLOYS

Title (de)

ZUBEREITUNG ZUR OBERFLÄCHENVORBEHANDLUNG DURCH CHEMISCHE KONVERSION DER OXIDSCHICHTEN VON TITAN ODER TITANLEGIERUNGEN

Title (fr)

PRÉPARATION DE PRÉTRAITEMENT DE SURFACE PAR CONVERSION CHIMIQUE DES COUCHES D'OXYDES SUR LE TITANE OU LES ALLIAGES DE TITANE

Publication

EP 3814546 B1 20240925 (DE)

Application

EP 19735307 A 20190701

Priority

- DE 102018005156 A 20180629
- EP 2019067602 W 20190701

Abstract (en)

[origin: WO2020002706A2] The invention relates to a preparation for pre-treating titanium or titanium alloy surfaces comprising 200 to 400 g/l NaOH and 10 to 150 g/l MGDA in water, wherein the preparation has a pH value of at least 12.

IPC 8 full level

C23C 22/64 (2006.01)

CPC (source: EP US)

C23C 22/64 (2013.01 - EP); **C23G 1/205** (2013.01 - US)

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

DOCDB simple family (publication)

DE 102018005156 A1 20200102; CN 112368417 A 20210212; EP 3814546 A2 20210505; EP 3814546 B1 20240925; US 2021262097 A1 20210826; WO 2020002706 A2 20200102; WO 2020002706 A3 20200423

DOCDB simple family (application)

DE 102018005156 A 20180629; CN 201980043813 A 20190701; EP 19735307 A 20190701; EP 2019067602 W 20190701; US 201917254901 A 20190701