

Title (en)
COMPOSITION, ITS USE FOR ACID PICKLING OF MAGNESIUM ALLOYS AND METHOD FOR ACID PICKLING OF MAGNESIUM ALLOYS

Title (de)
ZUSAMMENSETZUNG, DEREN VERWENDUNG ZUM SÄUREBEIZEN VON MAGNESIUMLEGIERUNGEN UND VERFAHREN ZUM SÄUREBEIZEN VON MAGNESIUMLEGIERUNGEN

Title (fr)
COMPOSITION, SON UTILISATION POUR LE DE-MORDANÇAGE D'ALLIAGES DE MAGNESIUM, AINSI QUE PROCEDE DE DE-MORDANÇAGE D'ALLIAGES DE MAGNESIUM

Publication
EP 3999672 A1 20220525 (FR)

Application
EP 20750324 A 20200707

Priority
• FR 1907921 A 20190715
• FR 2020051206 W 20200707

Abstract (en)
[origin: WO2021009437A1] Composition, characterized in that: - it comprises, in a solution of demineralized water: between 10 and 80, preferably between 15 and 20, more preferably 17, g/l of a composition of phosphoric acid H₃PO₄, and between 2 and 15, preferably between 4 and 8, more preferably 6, g/l of a composition of potassium permanganate KMnO₄, - the weight ratio H₃PO₄/ KMnO₄ is between 1.5 and 10, preferably between 1.8 and 5, more preferably equal to 2.8, - said composition has a pH between 2.4 and 3, preferably 2.5.

IPC 8 full level
C23C 22/18 (2006.01); **C23C 22/73** (2006.01); **C23F 1/22** (2006.01); **C23G 1/12** (2006.01)

CPC (source: CN EP US)
C23C 22/18 (2013.01 - EP US); **C23C 22/73** (2013.01 - EP US); **C23F 1/22** (2013.01 - CN US); **C23G 1/12** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2021009437A1

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)
FR 3098829 A1 20210122; **FR 3098829 B1 20210716**; CN 114096697 A 20220225; EP 3999672 A1 20220525; EP 3999672 B1 20230531; US 2022267907 A1 20220825; WO 2021009437 A1 20210121

DOCDB simple family (application)
FR 1907921 A 20190715; CN 202080050543 A 20200707; EP 20750324 A 20200707; FR 2020051206 W 20200707; US 202017626298 A 20200707