

Title (en)

RUTHENIUM ALLOY LAYER AND ITS LAYER COMBINATIONS

Title (de)

RUTHENIUMLEGIERUNGSSCHICHT UND DEREN SCHICHTKOMBINATIONEN

Title (fr)

COUCHE D'ALLIAGE DE RUTHÉNIUM ET SES COMBINAISONS DE COUCHES

Publication

**EP 4251792 A1 20231004 (DE)**

Application

**EP 21820188 A 20211125**

Priority

- DE 102020131371 A 20201126
- EP 2021082914 W 20211125

Abstract (en)

[origin: WO2022112379A1] Aqueous electrolyte for deposition of a ruthenium alloy layer on metal surfaces, in particular base metal surfaces, its use and a corresponding electrolytic process, and a correspondingly produced layer sequence.

IPC 8 full level

**C25D 3/56** (2006.01); **C25D 5/12** (2006.01)

CPC (source: EP KR US)

**C25D 3/52** (2013.01 - US); **C25D 3/56** (2013.01 - EP KR); **C25D 3/565** (2013.01 - EP KR); **C25D 5/10** (2013.01 - KR); **C25D 17/007** (2013.01 - KR); **C25D 17/10** (2013.01 - KR); **C25D 21/02** (2013.01 - US); **C25D 5/12** (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)

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DOCDB simple family (publication)

**WO 2022112379 A1 20220602**; CN 116157557 A 20230523; DE 102020131371 A1 20220602; EP 4251792 A1 20231004; JP 2023550807 A 20231205; KR 20230113355 A 20230728; US 2024018679 A1 20240118

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**EP 2021082914 W 20211125**; CN 202180054837 A 20211125; DE 102020131371 A 20201126; EP 21820188 A 20211125; JP 2023532198 A 20211125; KR 20237021452 A 20211125; US 202118253065 A 20211125