

Title (en)

DEVICE FOR REMOVING MATTES FROM THE SURFACE OF A LIQUID METAL BATH INSIDE A DUCT OF A LINE FOR CONTINUOUSLY COATING A METAL STRIP

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON MATTEN OBERFLÄCHEN EINES FLÜSSIGEN METALLBADES INNERHALB EINES KANALS EINER LEITUNG ZUM KONTINUIERLICHEN BESCHICHTEN EINES METALLBANDES

Title (fr)

DISPOSITIF POUR L'EVACUATION DE MATTES DE LA SURFACE D'UN BAIN DE METAL LIQUIDE A L'INTERIEUR D'UNE DESCENTE DE CLOCHE D'UNE LIGNE DE REVETEMENT EN CONTINU D'UNE BANDE METALLIQUE

Publication

**EP 4081669 A1 20221102 (FR)**

Application

**EP 20845176 A 20201211**

Priority

- FR 1915599 A 20191226
- FR 2020052387 W 20201211

Abstract (en)

[origin: WO2021130422A1] Disclosed is a device for removing mattes from the surface of a liquid metal bath (2) inside a duct (3) of a line for continuously coating a metal strip (1) having first and second faces, the first face being intended to come into contact with a bottom roller (11), comprising a compartment (50) via which the liquid metal inside the duct is replenished by being drawn off by a pump (17) to which the compartment is connected, characterised in that the compartment is capable of being removed by disassembly means without the metal strip needing to be cut.

IPC 8 full level

**C23C 2/00** (2006.01)

CPC (source: EP KR US)

**C23C 2/0034** (2022.08 - EP KR US); **C23C 2/00342** (2022.08 - KR US); **C23C 2/00344** (2022.08 - EP KR US); **C23C 2/00361** (2022.08 - KR US); **C23C 2/004** (2022.08 - KR); **C23C 2/325** (2022.08 - EP KR US); **C23C 2/40** (2013.01 - KR US); **C23C 2/523** (2022.08 - KR); **C23C 2/524** (2022.08 - US); **C23C 2/526** (2022.08 - KR 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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021130422 A1 20210701**; CN 115003846 A 20220902; EP 4081669 A1 20221102; FR 3105796 A1 20210702; FR 3105796 B1 20220610; KR 20220123006 A 20220905; MX 2022008031 A 20221007; US 2023034415 A1 20230202

DOCDB simple family (application)

**FR 2020052387 W 20201211**; CN 202080094588 A 20201211; EP 20845176 A 20201211; FR 1915599 A 20191226; KR 20227024265 A 20201211; MX 2022008031 A 20201211; US 202017788793 A 20201211