

Title (en)

METHODS OF REMOVING DEPOSITS FROM A SURFACE

Title (de)

VERFAHREN ZUR ENTFERNUNG VON ABLAGERUNGEN VON EINER OBERFLÄCHE

Title (fr)

PROCÉDÉS D'ÉLIMINATION DE DÉPÔTS À PARTIR D'UNE SURFACE

Publication

**EP 4179130 A4 20240424 (EN)**

Application

**EP 20945151 A 20200713**

Priority

RU 2020000346 W 20200713

Abstract (en)

[origin: WO2022015187A1] The invention relates to the field of removing various types of deposits from a surface, preferably the surface of industrial equipment. A removing deposits from a surface comprises the steps of applying a first precursor mix to the surface; allowing the first precursor mix to pass through the deposits; removing the first precursor mix; applying a second precursor mix to the surface; allowing the second precursor mix to pass through the deposits; removing the second precursor mix; wherein the first precursor mix reacts with the second precursor mix to produce a foam, and the foam expands inside pores and cracks of the deposits, and results in breaking the deposit from the surface.

IPC 8 full level

**C23G 1/14** (2006.01); **B08B 3/00** (2006.01); **B08B 3/08** (2006.01); **C11D 3/37** (2006.01); **C11D 11/04** (2006.01); **C23G 5/00** (2006.01); **C23G 5/032** (2006.01); **F28D 7/16** (2006.01); **F28G 9/00** (2006.01)

CPC (source: EP)

**B08B 3/003** (2013.01); **C11D 3/3726** (2013.01); **C11D 11/04** (2013.01); **C23G 5/032** (2013.01); **F28G 9/00** (2013.01); **C11D 2111/20** (2024.01); **C11D 2111/42** (2024.01); **C11D 2111/44** (2024.01); **F28D 7/16** (2013.01)

Citation (search report)

No further relevant documents disclosed

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)

**WO 2022015187 A1 20220120**; EP 4179130 A1 20230517; EP 4179130 A4 20240424

DOCDB simple family (application)

**RU 2020000346 W 20200713**; EP 20945151 A 20200713