

Title (en)

PROCESS FOR REMOVAL OF BIOFILM

Title (de)

VERFAHREN ZUR ENTFERNUNG VON BIOFILM

Title (fr)

PROCÉDÉ D'ÉLIMINATION DE BIOFILM

Publication

EP 3709807 A1 20200923 (EN)

Application

EP 18879396 A 20181107

Priority

- US 201762587112 P 20171116
- IB 2018001437 W 20181107

Abstract (en)

[origin: WO2019097293A1] The present invention relates to a process for removing dry surface biofilm from a surface. The process comprises: (i) dissolving a powder-based composition into water wherein the powder-based composition comprises: a) a hydrogen peroxide source, b) an acetyl donor, c) an acidifying agent, and d) a wetting agent; (ii) allowing the solution to generate a biocidally effective concentration of peracetic acid; (iii) contacting the dry surface biofilm contaminated surface with the solution of peracetic acid for a period of time; and (iv) removing the solution.

IPC 8 full level

A01N 37/16 (2006.01); **A01N 25/02** (2006.01); **A61L 2/18** (2006.01)

CPC (source: AU EP KR)

A01N 37/16 (2013.01 - AU EP KR); **A01N 37/18** (2013.01 - EP); **A01N 37/20** (2013.01 - EP KR); **A01N 59/00** (2013.01 - EP KR);
A61L 2/186 (2013.01 - AU EP KR); **A01N 25/02** (2013.01 - AU); **A01N 2300/00** (2013.01 - AU); **A61L 2202/25** (2013.01 - AU)

C-Set (source: AU EP)

AU

A01N 37/16 + A01N 2300/00 + A01N 25/02

EP

1. **A01N 59/00 + A01N 37/16 + A01N 37/20**
2. **A01N 59/00 + A01N 25/02 + A01N 37/16 + A01N 37/20**
3. **A01N 37/20 + A01N 25/02**
4. **A01N 37/16 + A01N 25/02**
5. **A01N 37/18 + A01N 25/02**
6. **A01N 37/16 + A01N 25/02 + A01N 2300/00**
7. **A01N 37/18 + A01N 25/02 + A01N 2300/00**
8. **A01N 37/20 + A01N 25/02 + A01N 2300/00**

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)

WO 2019097293 A1 20190523; AU 2018367884 A1 20190822; AU 2018367884 B2 20201022; CA 3082443 A1 20190523;
CA 3082443 C 20220517; CN 111818797 A 20201023; EP 3709807 A1 20200923; EP 3709807 A4 20210922; KR 102392343 B1 20220429;
KR 20200084035 A 20200709; NZ 764703 A 20220527; PH 12020550610 A1 20210222

DOCDB simple family (application)

IB 2018001437 W 20181107; AU 2018367884 A 20181107; CA 3082443 A 20181107; CN 201880085662 A 20181107;
EP 18879396 A 20181107; KR 20207016865 A 20181107; NZ 76470318 A 20181107; PH 12020550610 A 20200511