

Title (en)
PREPARATIONS FOR CONTROLLED-RELEASE OF HYPOCHLOROUS ACID

Title (de)
ZUBEREITUNGEN ZUR KONTROLLIERTEN FREISETZUNG VON HYPOCHLORSÄURE

Title (fr)
PRÉPARATIONS POUR LA LIBÉRATION CONTRÔLÉE D'ACIDE HYPOCHLOREUX

Publication
EP 3557990 A1 20191030 (EN)

Application
EP 17847767 A 20171222

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- US 201662438202 P 20161222
- US 201662438204 P 20161222
- US 201662438189 P 20161222
- US 201662438198 P 20161222
- US 201715612571 A 20170602
- IB 2017001716 W 20171222

Abstract (en)
[origin: WO2018115975A1] Provided are anti-microbial compositions that include an aqueous solution of hypochlorous acid encapsulated in a nanoparticle that allows for controlled release of hypochlorous acid. Also provided are methods of making and using such compositions.

IPC 8 full level
A01N 25/04 (2006.01); **A01N 25/28** (2006.01); **A01N 59/00** (2006.01); **A01P 1/00** (2006.01); **A61K 33/20** (2006.01)

CPC (source: EP IL KR)
A01N 25/04 (2013.01 - EP IL KR); **A01N 25/28** (2013.01 - EP IL KR); **A01N 37/02** (2013.01 - IL KR); **A01N 59/00** (2013.01 - EP IL KR); **A61K 8/20** (2013.01 - EP IL KR); **A61K 8/36** (2013.01 - EP IL KR); **A61K 9/0014** (2013.01 - KR); **A61K 9/51** (2013.01 - KR); **A61K 31/19** (2013.01 - KR); **A61K 33/20** (2013.01 - EP IL KR); **A61K 33/30** (2013.01 - EP IL); **A61K 33/34** (2013.01 - EP IL); **A61K 33/38** (2013.01 - EP IL); **A61P 1/02** (2018.01 - EP KR); **A61P 17/02** (2018.01 - EP KR); **A61P 31/04** (2018.01 - EP KR); **A61Q 11/00** (2013.01 - IL KR); **A61Q 17/005** (2013.01 - EP IL KR); **C01B 11/04** (2013.01 - EP IL); **A61K 2300/00** (2013.01 - IL KR); **A61Q 11/00** (2013.01 - EP)

C-Set (source: EP)

1. **A01N 59/00 + A01N 37/02**
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5. **A61K 33/38 + A61K 2300/00**

Citation (examination)

- US 2016271171 A1 20160922 - ALMÅS GEIR HERMOD [NO]
- WO 2013121294 A1 20130822 - WIAB WATER INNOVATION AB [SE]
- See also references of WO 2018115975A1

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)
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DOCDB simple family (publication)
WO 2018115975 A1 20180628; AU 2017380595 A1 20190711; AU 2017380595 B2 20230302; BR 112019012982 A2 20191231; CA 3048134 A1 20180628; CA 3049919 A1 20180628; CL 2019001760 A1 20200221; CN 110402084 A 20191101; CN 110402084 B 20210713; EP 3557990 A1 20191030; EP 3558000 A1 20191030; IL 267592 A 20190829; IL 267592 B1 20240401; IL 267592 B2 20240801; KR 20190105014 A 20190911; MX 2019007572 A 20191118; PH 12019501469 A1 20200615; SA 519402147 B1 20230109; WO 2018115977 A1 20180628; WO 2018115977 A9 20190620

DOCDB simple family (application)
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