

Title (en)

ANTIVIRAL COMPOSITION FOR THE SURFACE TREATMENT OF AN ARTICLE

Title (de)

ANTIVIRALE ZUSAMMENSETZUNG ZUR OBERFLÄCHENBEHANDLUNG EINES ARTIKELS

Title (fr)

COMPOSITION ANTIVIRALE POUR LE TRAITEMENT DE SURFACE D'UN ARTICLE

Publication

EP 4340610 A1 20240327 (FR)

Application

EP 22728625 A 20220513

Priority

- FR 2105126 A 20210517
- EP 2022063020 W 20220513

Abstract (en)

[origin: WO2022243186A1] The invention relates to an antiviral composition for the surface treatment of an article, comprising: - at least one polyamide-polyamine-epichlorohydrin resin, referred to as PAAE resin, and - one or more biocidal agents including at least one silver-based compound and/or one quaternary ammonium-based compound. It further relates to a method for the surface treatment of an article, in particular a substrate, intended to provide antiviral properties thereto, comprising applying to the surface of the article one or more compositions comprising at least the PAAE resin and the biocidal agent(s), as well as an article surface-treated by said method.

IPC 8 full level

A01N 25/10 (2006.01); **A01N 33/12** (2006.01); **A01N 59/16** (2006.01); **A01P 1/00** (2006.01); **C08G 69/48** (2006.01); **C08K 3/00** (2018.01); **C08L 77/00** (2006.01); **D21H 21/36** (2006.01)

CPC (source: EP KR US)

A01N 25/10 (2013.01 - EP KR); **A01N 33/12** (2013.01 - KR US); **A01N 59/16** (2013.01 - KR US); **A01P 1/00** (2021.08 - EP KR); **B42D 25/29** (2014.10 - KR); **C08G 73/028** (2013.01 - EP); **C08G 73/0286** (2013.01 - US); **C08G 73/0293** (2013.01 - EP); **C08L 79/02** (2013.01 - EP); **C09D 5/14** (2013.01 - US); **C09D 129/04** (2013.01 - EP); **D21H 19/10** (2013.01 - KR); **D21H 21/36** (2013.01 - EP KR)

C-Set (source: EP)

1. **A01N 25/10 + A01N 33/12 + A01N 59/16**
2. **C09D 129/04 + C08K 3/16**
3. **C09D 129/04 + C08K 5/0058**
4. **C09D 129/04 + C08K 5/205**

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)

FR 3122806 A1 20221118; FR 3122806 B1 20240329; BR 112023023863 A2 20240206; CN 117580453 A 20240220; EP 4340610 A1 20240327; JP 2024519788 A 20240521; KR 20240008884 A 20240119; MX 2023013500 A 20231212; US 2024240034 A1 20240718; WO 2022243186 A1 20221124

DOCDB simple family (application)

FR 2105126 A 20210517; BR 112023023863 A 20220513; CN 202280045743 A 20220513; EP 2022063020 W 20220513; EP 22728625 A 20220513; JP 2023570299 A 20220513; KR 20237042736 A 20220513; MX 2023013500 A 20220513; US 202218559435 A 20220513