

Title (en)

SANITIZATION COMPOSITION AND METHOD FOR SANITIZATION- PURIFICATION OF SURFACES AND ENVIRONMENTS

Title (de)

DESINFEKTIONSZUSAMMENSETZUNG UND VERFAHREN ZUR DESINFEKTION UND REINIGUNG VON OBERFLÄCHEN UND UMGEBUNGEN

Title (fr)

COMPOSITION DE DÉSINFECTION ET PROCÉDÉ DE DÉSINFECTION-PURIFICATION DE SURFACES ET D'ENVIRONNEMENTS

Publication

**EP 4031645 A1 20220727 (EN)**

Application

**EP 19801093 A 20190920**

Priority

**IB 2019057988 W 20190920**

Abstract (en)

[origin: WO2021053379A1] A sanitization composition is provided for sanitization- purification of surfaces and environments, comprising particles of titanium dioxide dispersed in water to form an aqueous colloidal dispersion and having pre-established dimensions, preferably in the anatase crystal form. A part of the titanium dioxide is doped, in particular with nitrogen. The composition further comprising at least one optical brightener which, struck by ultraviolet radiation, is able to re-emit visible light by fluorescence.

IPC 8 full level

**C11D 3/48** (2006.01); **C11D 7/20** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 3/48** (2013.01); **C11D 7/20** (2013.01); **C11D 17/003** (2013.01)

Citation (search report)

See references of WO 2021053379A1

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 2021053379 A1 20210325**; EP 4031645 A1 20220727

DOCDB simple family (application)

**IB 2019057988 W 20190920**; EP 19801093 A 20190920