

Title (en)

COATED AND VARNISHED MEMBRANE COMPRISING SILVER, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS A VIRUCIDE

Title (de)

BESCHICHTETE UND LACKIERTE SILBERHALTIGE MEMBRAN, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG ALS VIRUCID

Title (fr)

MEMBRANE REVÊTUÉE ET VERNIE COMPRENANT DE L'ARGENT, SON PROCÉDÉ DE FABRICATION ET SON UTILISATION EN TANT QUE VIRUCIDE

Publication

EP 4139516 A1 20230301 (FR)

Application

EP 21731228 A 20210423

Priority

- FR 2004134 A 20200424
- FR 2021050714 W 20210423

Abstract (en)

[origin: WO2021214421A1] The invention relates to a coated and varnished membrane (1), said membrane comprising at least one fabric (2) comprising at least one face coated with at least one layer of polyvinyl chloride (31, 32), and at least one varnish film (41, 42) on said coated surface of the membrane, said varnish film (42) comprising a polymeric binder and a mineral matrix in powder form (4) comprising silver particles. The invention also relates to a method for producing a membrane (1) according to the invention. The invention further relates to a use of a membrane (1) according to the invention as a virucide.

IPC 8 full level

D06N 3/18 (2006.01); **B32B 5/22** (2006.01); **B32B 27/12** (2006.01); **B32B 33/00** (2006.01); **D06M 11/83** (2006.01); **D06M 15/248** (2006.01); **D06M 16/00** (2006.01); **D06M 23/08** (2006.01); **D06N 3/00** (2006.01); **D06N 3/04** (2006.01); **D06N 3/06** (2006.01); **D06N 3/12** (2006.01)

CPC (source: EP US)

A01N 25/34 (2013.01 - US); **A01N 59/16** (2013.01 - US); **A01P 1/00** (2021.08 - US); **D06M 11/83** (2013.01 - EP); **D06N 3/0063** (2013.01 - EP US); **D06N 3/047** (2013.01 - EP); **D06N 3/06** (2013.01 - EP US); **D06N 3/123** (2013.01 - US); **D06N 3/128** (2013.01 - EP); **D06N 3/18** (2013.01 - EP); **D06N 3/183** (2013.01 - EP US); **D06N 3/186** (2013.01 - EP); **D06N 2201/02** (2013.01 - US); **D06N 2203/04** (2013.01 - US); **D06N 2203/066** (2013.01 - EP); **D06N 2205/10** (2013.01 - EP US); **D06N 2209/147** (2013.01 - US); **D06N 2211/00** (2013.01 - US)

Citation (search report)

See references of WO 2021214421A1

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 3109592 A1 20211029; FR 3109592 B1 20220401; CN 115427628 A 20221202; EP 4139516 A1 20230301; US 2023148594 A1 20230518; WO 2021214421 A1 20211028

DOCDB simple family (application)

FR 2004134 A 20200424; CN 202180030707 A 20210423; EP 21731228 A 20210423; FR 2021050714 W 20210423; US 202117920559 A 20210423