

Title (en)
COMPOSITE MEMBRANE COMPRISING A FLUORINATED POLYMER OR SILICONE SURFACE LAYER CONTAINING SILVER, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS A VIRUCIDE

Title (de)
KOMPOSITMEMBRAN MIT EINER SILBERHALTIGEN FLUORIERTEN POLYMER- ODER SILIKONOVERFLÄCHENSCHICHT, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN VERWENDUNG ALS VIRUCID

Title (fr)
MEMBRANE COMPOSITE COMPRENANT UNE COUCHE SURFACIQUE POLYMERE FLUORE OU SILICONE COMPRENANT DE L'ARGENT, SON PROCEDE DE FABRICATION ET SON UTILISATION EN TANT QUE VIRUCIDE

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Abstract (en)
[origin: WO2021214420A1] The invention relates to a composite membrane (1), said membrane comprising at least one fabric (2), said membrane comprising a surface polymer layer (41, 42), said surface polymer layer (41, 42) comprising silver and at least one polymer selected from the group consisting of fluorinated polymers and silicones, and said membrane being such that the silver (4; 40) is in the form of silver supported by a mineral matrix in powder form, the particle size of the matrix being strictly greater than 0.1 µm and strictly less than 20 µm. The invention further relates to a method for manufacturing a membrane according to the invention. The invention further relates to a use of a membrane (1) according to the invention as a virucide.

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