

Title (en)  
COMPOSITE MATERIAL FOR MECHANICAL FILTRATION AND CHEMICAL BINDING OF SUBSTANCES, BACTERIA AND VIRUSES FROM SOLUTIONS

Title (de)  
KOMPOSITMATERIAL ZUR MECHANISCHEN FILTRATION UND CHEMISCHEN BINDUNG VON STOFFEN, BAKTERIEN UND VIREN AUS LÖSUNGEN

Title (fr)  
MATÉRIAU COMPOSITE POUR FILTRATION MÉCANIQUE ET LIAISON CHIMIQUE DE SUBSTANCES, BACTÉRIES ET VIRUS À PARTIR DE SOLUTIONS

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Abstract (en)  
[origin: WO2023274819A1] The present invention relates to a composite material which is suitable both for mechanical filtration and for chemical/ selective binding/repulsion/exclusion of substances from solutions. The present invention also relates to the use of the composite material as a filtration membrane. The present invention is therefore also directed to a filtration membrane which comprises a composite material according to the invention and to the use of the filtration membrane for purifying liquids and/or for separating substances from liquids and/or for removing bacteria or viruses from liquids.

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