

Title (en)
DEFORMABLE FILM MADE OF AT LEAST ONE INORGANIC NONMETALLIC MATERIAL, METHOD FOR PRODUCTION THEREOF AND USE THEREOF

Title (de)
DEFORMIERBARE FOLIE AUS MINDESTENS EINEM ANORGANISCHEN NICHT-METALLISCHEN MATERIAL, VERFAHREN ZU DEREN HERSTELLUNG, SOWIE DEREN VERWENDUNG

Title (fr)
FEUILLE DÉFORMABLE CONSTITUÉE D'AU MOINS UN MATÉRIAU NON MÉTALLIQUE INORGANIQUE, SON PROCÉDÉ DE FABRICATION ET SON UTILISATION

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Application
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Abstract (en)
[origin: WO2019154845A1] The invention relates to a deformable film made of at least one inorganic nonmetallic material which has pores, at least in some areas. The porosity of the deformable film is 10% to 90%, the thickness of the deformable film is 1 µm to 100 µm, and the average pore diameter of the pores is 2 nm to 500 nm. Because of the combination of these specific parameters, a film which is both deformable and also has good mechanical stability and breaking strength is obtained. In addition, the deformable film has a higher stability with respect to high temperatures and organic solvents than plastic films. The invention further relates to a method for producing the deformable film according to the invention and to the use of the deformable film according to the invention.

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