

Title (en)
METHOD FOR PRODUCING SOLID MATERIALS ON THE BASIS OF SYNTHETIC POLYMERS AND/OR BIOPOLYMERS AND USE THEREOF

Title (de)
VERFAHREN ZUR HERSTELLUNG FESTER MATERIALIEN AUF DER BASIS VON SYNTHETISCHEN POLYMEREN UND/ODER BIOPOLYMEREN UND IHRE VERWENDUNG

Title (fr)
PROCÉDÉ DE PRODUCTION DE MATÉRIAUX SOLIDES À BASE DE POLYMÈRES ET/OU DE BIOPOLYMÈRES SYNTHÉTIQUES ET LEUR UTILISATION

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Application
EP 09712072 A 20090216

Priority

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Abstract (en)
[origin: WO2009103681A1] The invention relates to a method for producing solid materials on the basis of synthetic polymers and biopolymers (A) by: (1) the solubilisation of (A) or of (A) and an additive (B) in a non-aqueous chaotropic liquid (C), (2) contacting of the solution or dispersion obtained (AC) or (ABC) with a liquid (D1), which is miscible with (C), in which however (A) is insoluble, to produce a phase (E) containing (A), (C) and (D1) and optionally (B) and a liquid phase (F) containing (C) and (D1), (3) optional separation of (E) from (F), (4) removal of (C) from (E) with the aid of (D1), to produce a gel (G) on the basis of (A), (5) impregnation of (G) with a liquid (D2) which is miscible with (C) and (D1) and in which at least (A) is insoluble and has a higher volatility than (D1), and (6) removal of (D1) and (D2) from (G) by evaporation. The invention also relates to the use of said materials.

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Citation (search report)
See references of WO 2009103681A1

Citation (examination)
US 2006151170 A1 20060713 - BRANNON HAROLD D [US], et al

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