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(54) Title: PROCESS FOR MANUFACTURING CROSS-LINKABLE BIOPOLYMERS

(57) Abstract: The present invention relates to a process for manufacturing a biopolymer chemically modified with a functional group selected from a carbon-carbon double bond, a carbon-carbon triple bond and a nitrogen-nitrogen triple bond, wherein following chemical modification in an aqueous solution, the biopolymer is precipitated in an organic solvent, filtered and dried, and the organic solvent is recovered by distillation. A biopolymer chemically modified with a functional group selected from a carbon-carbon double bond, a carbon-carbon triple bond and a nitrogen-nitrogen triple bond obtained by said manufacturing process, and a hydrogel thereof are also provided.



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