

Title (en)

METHOD FOR MAKING A TRANSPARENT POLYMER MATERIAL RESISTANT TO PROTEIN DEPOSIT, MATERIAL OBTAINED BY SAID METHOD, CONTACT LENSES AND INTRAOCULAR IMPLANTS MADE OF SAID MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TRANSPARENTPOLYMEREN MIT EINER PROTEINHINTERLEGUNGBESTÄNDIGKEIT, POLYMERE ERHÄLTICH MIT DIESEM VERFAHREN UND KONTAKTLINSE UND INTRAOKULARIMPLANTATE DARAUS ERHÄLTICH

Title (fr)

PROCEDE DE FABRICATION D'UN MATERIAU POLYMERE TRANSPARENT RESISTANT AU DEPOT DE PROTEINES, MATERIAU OBTENU PAR CE PROCEDE, LENTILLES DE CONTACT ET IMPLANTS INTRAOCULAIRES FAITS DE CE MATERIAU

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Application

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Priority

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Abstract (en)

[origin: FR2772033A1] The invention concerns a method for making a transparent polymer material with little tendency to accumulate deposit. The method consists in immersing a transparent polymer matrix in a solution in a solvent for swelling the polymer matrix of a composition comprising a zwitterion polymerizable monomer and an agent for cross-linking the monomer to cause the polymer matrix to swell and become impregnated with the composition, optionally removing the matrix from the solution and hardening the composition impregnated within the matrix, said hardening being carried out in the presence of a polymerization initiator initially present in the matrix or the swelling solution. The invention is useful for making contact lenses and intraocular implants.

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C08F 291/00; C08F 8/00

IPC 8 full level

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