

Title (en)

FLUORINATED COPOLYMERS FOR COATING BIOMEDICAL DEVICES AND A PROCESS FOR THEIR MANUFACTURE

Title (de)

FLUORIERTE COPOLYMERE ZUM BESCHICHTEN BIOMEDIZINISCHER GERÄTE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

COPOLYMERES FLUORES POUR REVETEMENT DE DISPOSITIFS BIOMEDICAUX ET PROCEDE DE FABRICATION CORRESPONDANT

Publication

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Application

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Priority

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- EP 99870063 A 19990331

Abstract (en)

[origin: WO0059963A1] Copolymers comprising moieties derived from at least one first fluorinated comonomer having formula (I), wherein X is hydrogen or methyl, Y is a single bond or a radical of the formula CH₂NRSO₂ or NRSO₂, R being a C1-6 alkyl group, Z is hydrogen or fluorine, and n is 0 to 12 and moieties derived from at least one second non-fluorinated comonomer, the glass transition temperature of the homopolymer of said second comonomer being lower than the glass transition temperature of the homopolymer of said first comonomer, are described. A layer of such a copolymer, optionally further comprising a biologically effective amount of at least one biologically active ingredient, is useful for coating a biomedical device such as a catheter or a stent.

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