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(54) Title: METHOD OF MAKING ANTI-MICROBIAL POLYMERIC SURFACES

(57) Abstract: The present invention is a method for the modification of the surfaces of polymeric materials with polymer coatings that may be subsequently treated to be lubricious and anti-microbial. The method comprises incubating a photo-initiator-coated polymeric material with an aqueous monomer that is capable of free radical polymerization and exposing the incubating polymeric material to UV light creating a modified surface on said polymeric material. The method may additionally comprise adding a silver component to the modified surface. The silver component may be provided as a silver salt coating or a silver salt contained within a hydrogel bonded to the acrylate modified polymeric material surface.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, BIOSIS, EPO-Internat

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 872 512 A (HUELS CHEMISCHE WERKE AG) 21 October 1998 (1998-10-21)	1-3, 5-11, 18, 19, 21, 22
Y	* see Ex. 7-17, esp. Ex. 13, 16 & 17 polyurethane catheters with acrylic acid coating *	1-14

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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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