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(54) Title: NEW COAHNGS ON OPHTHALMIC LENSES

(57) Abstract: This invention is directed toward surface treatment of a device. The surface treatment comprises the attachment of terminal functionalized surfactants to the surface of the substrate by means of reactive functionalities of the terminal functionalized surfactant material reacting with complementary surface reactive functionalities in monomeric units along the polymer substrate. The present invention is also directed to a surface modified medical device, examples of which include contact lenses, intraocular lenses, vascular stents, phakic intraocular lenses, aphakic intraocular lenses, corneal implants, catheters, implants, and the like, comprising a surface made by such a method.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61L27/18 A61L27/34 A61L27/52 G02B1/04 G02B1/10

According to International Patent Classification (IPG) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61L G02B

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)

EPO-Internal , WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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