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(54) Title: ACTINICALLY CROSSLINKABLE COPOLYMERS FOR MANUFACTURING CONTACT LENSES

(57) Abstract: The invention relates to novel crosslinkable copolymers which are obtainable by (a) copolymerizing at least two different hydrophilic monomers selected from the group consisting of N,N-dimethyl acrylamide (DMA), 2-hydroxyethyl acrylate (HEA), glycidyl methacrylate (GMA), N-vinylpyrrolidone (NVP), acrylic acid (AA) and a C_1-C_4-alkoxy polyethylene glycol (meth)acrylate having a weight average molecular weight of from 200 to 1500, and at least one crosslinker comprising two or more ethylenically unsaturated double bonds in the presence of a chain transfer agent having a functional group; and (b) reacting one or more functional groups of the resulting copolymer with an organic compound having an ethylenically unsaturated group.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C08F2/46 C08F8/00 G02B1/04 G02C7/04 C08F220/00
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C08F G02B G02C C08G

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, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2006/055882 A1 (PHELAN JOHN C [US] PHELAN JOHN CHRISTOPHER [US]) 16 March 2006 (2006-03-16) paragraphs [0152], [0153]	1-28

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
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