

Title (en)
SURFACES COMPRISING A HYDROPHILIC SPACER, COVALENTLY BONDED TO HYDROGELS

Title (de)
OBERFLÄCHEN MIT KOVALENT GEBUNDENEM HYDROPHILEM SPACER AN HYDROGELEN

Title (fr)
SURFACES A SEPARATEUR HYDROPHILE LIE DE MANIERE COVALENTE A DES HYDROGELS

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Abstract (en)
[origin: WO0237107A1] The invention relates to an object with a surface comprising a hydrogel, which can be obtained as follows: 1) bonding of organic molecules to the hydrogel, each bonded organic molecule having a chain length of at least 8 atoms and a terminal group, selected from an amine group, carboxylic acid group and derivatives thereof; and 2) reaction of the terminal group with a receptor molecule comprising at least three similar groups, selected from an amine group, carboxylic acid group, sulphonic acid group, phosphoric acid group, phosphonic acid group and derivatives thereof.

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