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(54) Title: WATER RESISTANT HYDROPHILIC COATINGS

(57) Abstract: A water-resistant hydrophilic coating comprising a hydrophilic base material, a lipid, an adhesion promoter, a surfactant and a crosslinking agent. A method of preparing a water-resistant polymer surface comprising preparing an adhesive coating comprising a hydrophilic base material, a lipid, an adhesion promoter, a surfactant and a crosslinking agent, applying said adhesive coating to a polymer surface, and heat treating said polymer surface under conditions sufficient to allow cross linking of the adhesive coating. A method of increasing the absorption of water-based or oil-based dyes, inks, or fragrances in a hydrophilic coating comprising incorporating a lipid into the hydrophilic coating.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
 C08L C09D C08J

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, BIOSIS, INSPEC, COMPENDEX

C. 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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X	US 2005/137330 A1 (FORSHEY PAUL A [US] ET AL) 23 June 2005 (2005-06-23) paragraph [0085] - paragraph [0158] claims	1-20

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

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INTERNATIONAL SEARCH REPORT

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