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(54) **Title:** MICROCAPSULES, THEIR USE AND PROCESSES FOR THEIR MANUFACTURE

(57) **Abstract:** A microcapsule comprising a core containing a hydrophobic liquid or wax and a polymeric shell formed from:
i) 1 to 20% by weight of polymerisable silane compound, ii) 1 to 94% by weight of hydrophobic mono functional ethylenically
unsaturated monomer, iii) 5 to 98% by weight of polyfunctional ethylenically unsaturated monomer, and iv) 0 to 60% by weight
of other mono functional monomer(s), wherein components (i), (ii), (iii) and (iv) total 100%, and in which the microcapsule also
includes a hydrophilic polymer which is covalently bonded to the microcapsule. The invention includes a process for the manufacture
of particles and the use of particles in articles, such as fabrics, and coating compositions, especially for textiles.



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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)

BOIJ D06J

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)

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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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A	WO 2006/013165 A (CIBA SC HOLDING AG [CH]; KULKE TORSTEN [GB]; ENGELMANN GUNNAR [DE]; RA) 9 February 2006 (2006-02-09) the whole document -----	1-26
A	WO 2006/027328 A (CIBA SC HOLDING AG [CH]; ELDER STEWART TODD [US]; ANDRIANOV CHRISTINA) 16 March 2006 (2006-03-16) the whole document ----- -/-	1-26



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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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INTERNATIONAL SEARCH REPORT

Information on patent family members

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