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(54) Title: WATER-DISPERSIBLE NONWOVEN FABRICS CONTAINING TEMPERATURE-SENSITIVE OR ION-SENSITIVE POLYMERIC BINDER MATERIALS AND PROCESS FOR MAKING SUCH FABRICS		
(57) Abstract		
<p>The present invention is directed to a temperature-sensitive or ion-sensitive binder composition containing at least one temperature-sensitive or ion-sensitive polymeric material. The binder composition is either (1) insoluble in water containing greater than about 0.5 weight percent monovalent ions or water having a multivalent ion concentration greater than about 200 ppm multivalent ions, and soluble in water containing less than about 0.5 weight percent monovalent ions or water having a multivalent ion concentration less than about 200 ppm multivalent ions; or (2) insoluble in water having a temperature of greater than about 30 °C, and soluble in water having a temperature of less than about 25 °C. The present invention is further directed to a water-dispersible nonwoven fabric containing the temperature-sensitive or ion-sensitive binder material, which is useful in the manufacture of flushable personal care products. A process for making water-dispersible nonwoven fabrics is also provided.</p>		

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INTERNATIONAL SEARCH REPORT

Int. Appl. No
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A. CLASSIFICATION OF SUBJECT MATTER	IPC 7 C09D129/04 C09D129/10 D04H1/64 A61F13/15 A47K7/00
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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)
IPC 7 C09D D04H A61F A47K

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 509 913 A (YEO RICHARD S C) 23 April 1996 (1996-04-23) column 2, line 19 -column 4, line 51; claims; examples 5-7,9,11 ---	1-30
A	WO 98 36117 A (KIMBERLY CLARK CO) 20 August 1998 (1998-08-20) page 9, paragraph 1 -page 10, paragraph 2 ---	1-30
A	WO 98 41577 A (KIMBERLY CLARK CO) 24 September 1998 (1998-09-24) page 4, paragraph 2 ---	1,11,20, 21,30
A	WO 97 02376 A (KIMBERLY CLARK CO) 23 January 1997 (1997-01-23) page 11, line 17 -page 12, line 19 ---	1-30 -/-

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Patent family members are listed in annex.

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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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