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(54) Title: HIGH PERFORMANCE FABRIC RELEASE COMPOSITION AND USE THEREOF

(57) Abstract: The current invention provides for a composition and method for the improvement of fabric release in applications such as tissue and towel making processes. The method comprises treating the surface of a fabric in structured sheet making applications using compositions containing hydrophobic quaternary aminoamides (such as imidazolines) in combination with other hydrophobes and surfactants.



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A. CLASSIFICATION OF SUBJECT MATTER INV. D21H25/00 D21H27/00 D21F1/00 D06M13/02 D06M13/03 D06M13/07 D06M13/46 D06M13/467 D06M13/224 D06M13/148 B05D5/08 D06M13/473 D06M15/227 D21F5/18 D06M15/643				
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) D21H D21F D06M				
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 practicable, search terms used) EPO-Internal, WPI Data				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
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X	US 2012/045587 A1 (SHAROYAN DAVIT E [US] ET AL) 23 February 2012 (2012-02-23) paragraphs [0002], [0013] - [0015], [0017], [0019], [0021], [0022], [0025] - [0026], [0031] - [0032], [0034] - [0043], [0046], [0050], [0052]; examples 1,2; table 1A 2 -----	1-15		
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.				
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 2013/048238 A1 (GLOVER DANIEL E [US] ET AL) 28 February 2013 (2013-02-28) paragraphs [0019], [0020]; example 1 -----	1-15

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