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(54) Title: METHOD FOR PRODUCING CALCIUM CARBONATE AND INK JET RECORDING PAPER

(57) Abstract: A thermal ink jet recording paper, incorporating dewatered and milled precipitated calcium carbonate ("PCC") is disclosed Precipitated calcium carbonate is dewatered and milled in the presence of an amphoteric or anionic dispersant to produce a high solids PCC composition. When used in coating formulations the PCC has a surface morphology and chemistry that enhances the printability of ink jet paper. Ink jet recording paper incorporating the PCC of the present invention has reduced ink feathering and spreading as well as improved optical density, dry time, and water fastness.

WO 2005/102931 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C01F11/18 B41M5/00 C09C1/02 C09C3/00 C09C3/04

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)
C01F B41M C09C

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X Y	US 2003/124272 A1 (WATSON MARK VICTOR ET AL) 3 July 2003 (2003-07-03) claims 1,14-16	14-16 1-13,17, 18
Y	US 5 910 214 A (YOU ET AL) 8 June 1999 (1999-06-08) the whole document	1-13,17, 18
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[X] Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
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2

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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2

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