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(71) Applicant (for all designated States except US): **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US];
1007 Market Street, Wilmington, Delaware 19899 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **CHEVLI, Samit, N.**
[IN/US]; 716 Dixon Court, Hockessin, Delaware 19707 (US).

(74) Agent: **MORRELL, Dennis, G.**; E. I. du Pont de Nemours and Company, Legal Patent Records Center,
4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

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(54) Title: INKJET INKS AND INK SETS

(57) Abstract: The present disclosure pertains to an aqueous inkjet ink containing a pigment as colorant, a polymeric binder, an anionic surfactant and a 1-alkyl-2-pyrrolidone co-solvent. The present disclosure further pertains to an ink set containing this aqueous inkjet ink, as well as to methods of printing with this ink and ink set on a variety of substrates, and particularly hydrophobic substrates and nonporous media.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. C09D11/00 C09D11/02 C09D11/10 ADD.		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) C09D		
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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		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	wo 2011/002072 AI (RICOH CO LTD [JP] ; KATSURAGI KOJI [JP]) 6 January 2011 (2011-01-06) page 10, line 22; claims 1-15; tabl es 1-3 page 11, lines 14-17 page 39, line 19 - page 55, line 15 -----	1-15
A	US 6 231 654 BI (ELWAKIL HAMDY A [US]) 15 May 2001 (2001-05-15) col umn 2, line 66 - col umn 3, line 4 col umn 6, line 60 - col umn 6, line 63; claims 1-16 col umn 10, lines 11-28 -----	1-15
☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
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"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) on 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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INTERNATIONAL SEARCH REPORT

Information on patent family members

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