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(54) Title: INK COMPOSITION FOR CONTINUOUS DEFLECTED JET PRINTING

(57) Abstract: An ink composition for continuous deflected ink jet printing, liquid at ambient temperature, comprising: • a) a solvent, preferably consisting of one or more organic solvent compound(s), and optionally comprising water, the said solvent representing at least 20 % by weight of the total weight of the ink; • b) at least one compound imparting conductivity to the ink composition, chosen from among the ionic liquids, the said compound representing 0.2 % by weight to 4 % by weight of the total weight of the ink composition, preferably 0.5 to 3 % by weight of the total weight of the ink composition; and the ink composition comprising less than 10 % by weight, preferably less than 5 % by weight, more preferably less than 1 % by weight, and most preferably 0 % by weight of water relative to the total weight of the ink composition. A process for marking substrates using said ink composition. A substrate provided with a marking obtained by drying and/or absorption of said ink composition.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C09D

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

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2006 335995 A (HITACHI MAXELL) 14 December 2006 (2006-12-14) paragraphs [0032] - [0043]; claims 1,3,7; examples 1-8 -----	1-13,15, 16, 18-20, 22,23
X A	JP 2010 090217 A (DAINIPPON PRINTING CO LTD) 22 April 2010 (2010-04-22) paragraphs [0005] - [0007], [0011], [0017] - [0022], [0025] - [0027], [0030] - [0032], [0045] ----- -/-	1-13, 20-23 14-19



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See patent family annex.

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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.
X	US 6 048 388 A (SCHWARZ WILLIAM M [US]) 11 April 2000 (2000-04-11)	1-7, 9-14, 18, 20-23
A	column 5, line 58 - column 6, line 41; claims 1-24 column 8, line 61 - column 11, line 14 column 11, line 44 - column 12, line 46 -----	8, 15-17, 19
X	EP 1 676 894 A1 (FUJI XEROX CO LTD [JP]) 5 July 2006 (2006-07-05)	8-11, 17, 18, 20-23
A	paragraphs [0041], [0163] - [0269]; claims 1-16 -----	1-7, 12-16, 19

INTERNATIONAL SEARCH REPORT

Information on patent family members

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