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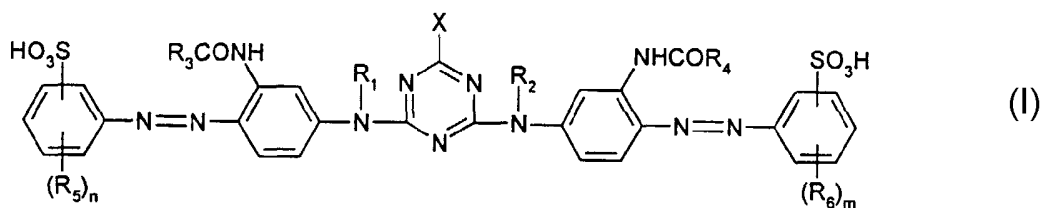
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(54) Title: METHOD OF PRINTING SHEET-FORM SUBSTRATES BY THE INKJET PRINTING PROCESS



(57) Abstract: The invention relates to a method of printing sheet-form substrates by the inkjet printing process, which method comprises printing those materials with an aqueous ink comprising a) at least one dye of formula (I) wherein R<sub>1</sub> and R<sub>2</sub> are each independently of the other hydrogen or unsubstituted or substituted C<sub>1</sub>-C<sub>4</sub>alkyl, R<sub>3</sub> and R<sub>4</sub> are each independently of the other unsubstituted or substituted C<sub>1</sub>-C<sub>4</sub>alkyl, R<sub>5</sub> and R<sub>6</sub> are each independently of the other C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, halogen, hydroxy, carboxy, C<sub>2</sub>-C<sub>4</sub>alkanoylamino or sulfo, X is halogen, hydroxy, C<sub>1</sub>-C<sub>4</sub>alkoxy that is unsubstituted or substituted in the alkyl moiety, phenoxy that is unsubstituted or substituted in the phenyl ring, C<sub>1</sub>-C<sub>4</sub>alkylthio that is unsubstituted or substituted in the alkyl moiety, phenylthio that is unsubstituted or substituted in the phenyl ring, amino, N-mono-, or N, N-di-C<sub>1</sub>-C<sub>6</sub>alkylamino that is unsubstituted or substituted in the alkyl moiety and uninterrupted or interrupted in the alkyl moiety by oxygen, C<sub>5</sub>-C<sub>7</sub>cycloalkylamino that is unsubstituted or substituted in the cycloalkyl ring, phenyl- or naphthyl-amino that is unsubstituted or substituted in the aryl moiety, N-C<sub>1</sub>-C<sub>4</sub>alkyl-N-phenyl- or N-C<sub>1</sub>-C<sub>4</sub>alkyl-N-naphthyl-amino that is unsubstituted or substituted in the aryl moiety, benzylamino that is unsubstituted or substituted in the phenyl moiety, morpholino or piperidin-1-yl, and n and m are each independently of the other the number 0, 1, 2 or 3; and b) a solubiliser or a humectant.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/14603

A. CLASSIFICATION OF SUBJECT MATTER  
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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 C09B

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

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 348 344 A (CIBA GEIGY AG) 27 December 1989 (1989-12-27) cited in the application page 7, line 12 - line 33; examples 22-31 ---	1-13
Y	PATENT ABSTRACTS OF JAPAN vol. 006, no. 191 (C-127), 30 September 1982 (1982-09-30) & JP 57 102972 A (ORIENT KAGAKU KOGYO KK), 26 June 1982 (1982-06-26) abstract ---	1-13
Y	US 4 605 442 A (IKEDA TAKUO ET AL) 12 August 1986 (1986-08-12) column 2, line 1 -column 4, line 8 --- -/--	1-13

Further documents are listed in the continuation of box C.

Patent family members are listed in 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.
A	US 5 374 301 A (GREGORY PETER ET AL) 20 December 1994 (1994-12-20) column 5, line 46 -column 6, line 30; example 1 -----	1-13

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Information on patent family members

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