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(54) Title: FORMALDEHYDE-FREE ELECTROLESS COPPER PLATING SOLUTION

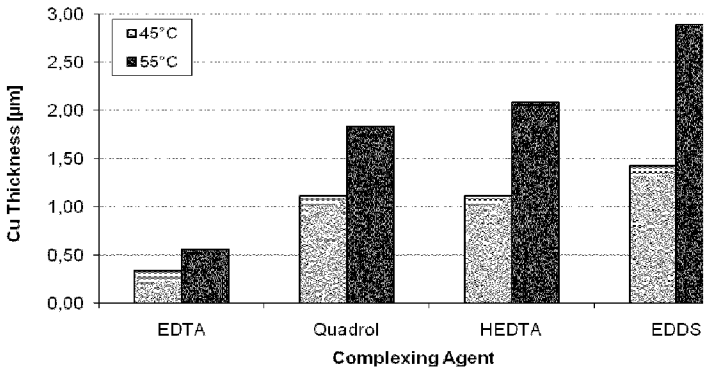


Fig. 4

(57) Abstract: The invention relates to an electroless aqueous copper plating solution, comprising a source of copper ions, a source of glyoxylic acid as reducing agent, and at least one polyamino disuccinic acid or at least one polyamino monosuccinic acid, or a mixture of at least one polyamino disuccinic acid and at least one polyamino monosuccinic acid as complexing agent, as well as to a method for electroless copper plating utilizing said solution and the use of the solution for the plating of substrates.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
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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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Y	US 5 741 555 A (WILSON DAVID ALAN [US] ET AL) 21 April 1998 (1998-04-21) claims 1-18; example 7 page 2, line 57 - page 3, line 14 page 8, line 27 - page 9, line 18	1-15

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
10 January 2014	20/01/2014

Name and mailing address of the ISA/	Authorized officer
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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