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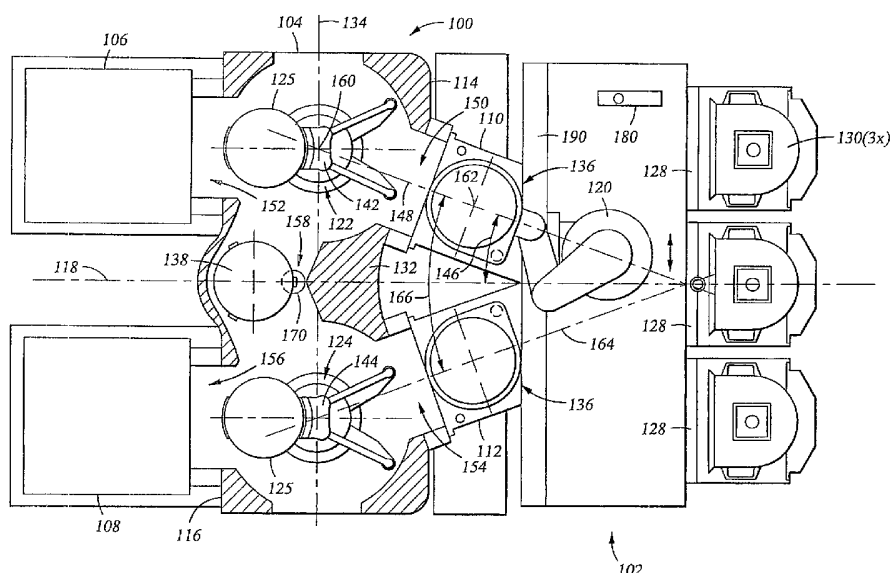
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- (71) Applicant: APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US). (88) Date of publication of the international search report: 11 December 2003
- (72) Inventors: LEI, Lawrence, C.; 1594 Country Club Drive, Milpitas, CA 95035 (US). KORI, Moris; 55 Hamilton Court, Palo Alto, CA 94301 (US). 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.

(54) Title: DUAL ROBOT PROCESSING SYSTEM



(57) Abstract: A substrate processing system having a transfer chamber having two processing chambers and two load lock chambers coupled thereto is generally provided. The transfer chamber includes a body having a first transfer area and a second transfer area defined therein on either side of a center axis. A first passage couples one of the load locks with the first transfer area and a second passage couples the other one of the load locks with the second transfer area. The first passage and the second passage form an acute angle about the center axis. A transfer platform is disposed between the first transfer area and the second transfer area. A first transfer robot and a second transfer robot are disposed in the first and second transfer areas, respectively. Each robot is adapted to transfer substrates between the load locks, the transfer platform and a processing chamber.

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INTERNATIONAL SEARCH REPORT

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PCT/US 02/41721

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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IPC 7 H01L

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.
X	EP 1 146 548 A (TOKYO ELECTRON LIMITED) 17 October 2001 (2001-10-17) column 10, line 23-58; figures 4,5	18-21, 24-26, 28,33,34
A	---	1,36,45
A	EP 1 107 288 A (APPLIED MATERIALS) 13 June 2001 (2001-06-13) paragraph '0054!	1,18,34, 36,45
A	---	
A	US 5 357 115 A (ASAKAWA ET AL.) 18 October 1994 (1994-10-18) abstract; figure 1 -----	1,18,34, 36,45



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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