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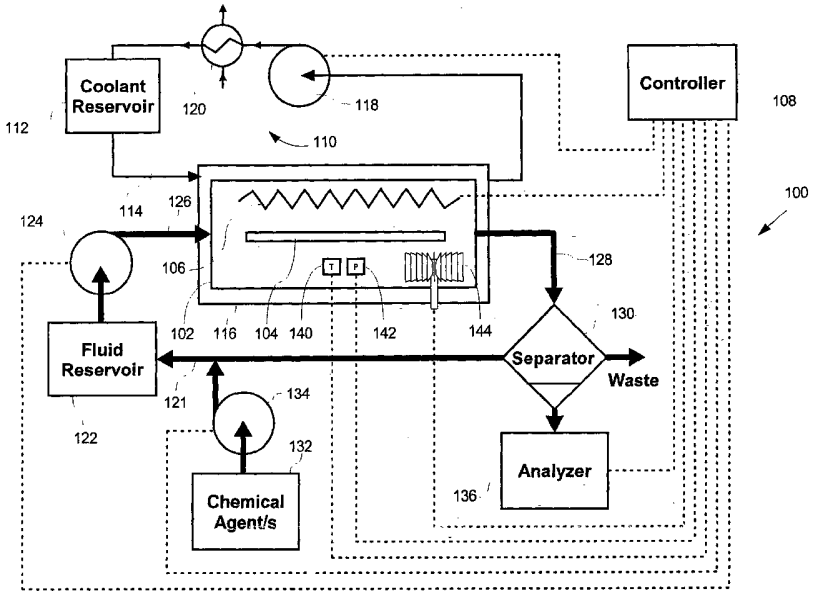
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(54) Title: AUTOMATED DENSE PHASE FLUID CLEANING SYSTEM



(57) Abstract: Initially, process parameters for dense phase fluid cleaning are determined. Thereafter, a cleaning chamber (102) containing a substrate (104) is pressurized with a dense phase fluid, based on these process parameters. The substrate is then cleaned with the dense phase fluid, again based on these process parameters. Exhaust fluid is subsequently expelled from the cleaning chamber, and thereafter analyzed. The process parameters are then adjusted to adjusted process parameters based on the analysis of the exhaust fluid. Thereafter, the cleaning chamber is again pressurized and cleaning repeated. This pressurization and cleaning is based on the adjusted process parameters. Also, this pressurization and cleaning is repeated until the substrate is sufficiently clean.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B08B H01L D06F B01D

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.
E	US 2004/168709 A1 (KIRKPATRICK BRIAN K ET AL) 2 September 2004 (2004-09-02) claims 1,2; figures 3,4	1,16
P,A	US 2004/025908 A1 (MOUNT DAVID J ET AL) 12 February 2004 (2004-02-12) abstract	1-21
A	DE 100 51 122 A (DORNIER GMBH) 25 April 2002 (2002-04-25) abstract	1-21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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