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(54) Title: CHEMICAL DELIVERY SYSTEM

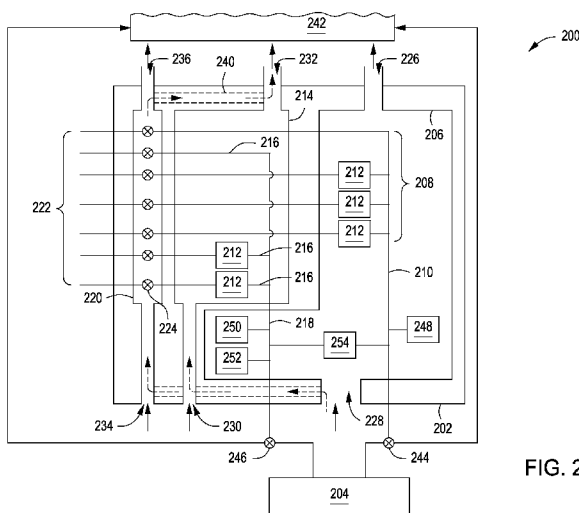


FIG. 2

(57) Abstract: Embodiments of chemical delivery systems disclosed herein may include an enclosure; a first compartment disposed within the enclosure and having a plurality of first conduits to carry a first set of chemical species, the first compartment further having a first draw opening and a first exhaust opening to facilitate flow of a purge gas through the first compartment; and a second compartment disposed within the enclosure and having a plurality of second conduits to carry a second set of chemical species, the second compartment further having a second draw opening and a second exhaust opening to facilitate flow of the purge gas through the second compartment, wherein the first set of chemical species is different than the second set of chemical species, and wherein a draw velocity of the purge gas through the second compartment is higher than the draw velocity of the purge gas through the first compartment.



A. CLASSIFICATION OF SUBJECT MATTER***H01L 21/02(2006.01)i***

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)

H01L 21/02; F16K 3/36; F16K 11/20; B65B 1/04; B01J 4/00; B08B 3/08; B01D 53/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: chemical delivery system, enclosure, conduit, draw, exhaust, purge gas, velocity

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-009987 A (HITACHI LTD) 19 January 1999 See abstract; paragraphs [0011]-[0036]; and figure 1.	1-15
A	US 6406519 B1 (GLENN M. TOM et al.) 18 June 2002 See abstract; figure 9; and column 16 line 5 - column 19 line 22.	1-15
A	US 6637475 B2 (CRAIG M. NOAH et al.) 28 October 2003 See abstract; figures 1-5; and column 5 line 33 - column 11 line 41.	1-15
A	US 7748400 B2 (NAKASHIMA NORMAN et al.) 06 July 2010 See abstract; figures 2A-5; and column 8 line 33 - column 12 line 43.	1-15

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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