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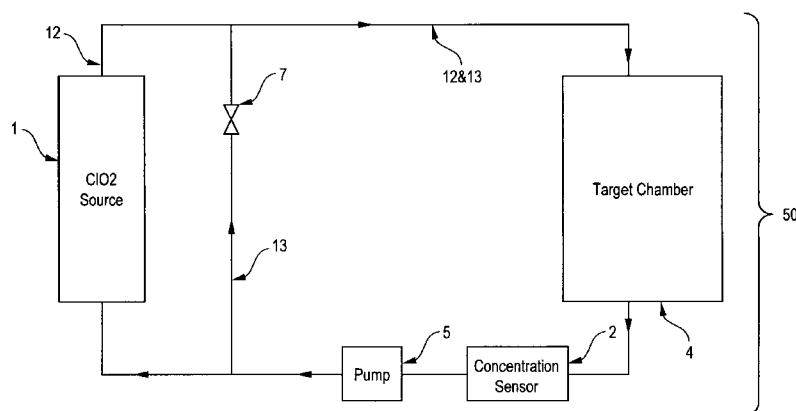
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(54) Title: APPARATUS AND METHODS FOR CONTROLLING CHLORINE DIOXIDE CONCENTRATION

FIG. 2



(57) Abstract: The instant invention provides apparatus and methods for controlling the concentration of chlorine dioxide in a chamber.

A. CLASSIFICATION OF SUBJECT MATTER*A61L 2/20(2006.01)i, A61L 9/12(2006.01)i, F24F 3/16(2006.01)i, C01B 11/02(2006.01)i, A61L 101/06(2006.01)n*

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)

A61L 2/20; A61L 2/24; C01B 11/02; D21C 11/06; D21C 9/14; G01N 20/01; G01N 31/00; G01N 33/34

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: pump, chlorine dioxide, valve, flow path and chamber

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6042802 A1 (DRAKE, JAMES FRANKLIN) 28 March 2000 See Claims 1-20, Figures 1-3	1-36
Y	US 4128454 A1 (SCHLEINKOFER, RUDI W.) 05 December 1978 See Claims 1-2, Figures 1-2	1-36
A	EP 0847759 A2 (JOHNSON & JOHNSON) 17 June 1998 See whole documents	1-36
A	US 4311485 A1 (SALTZMAN, ROBERT S. et al.) 19 January 1982 See Claims 1-5, Figures 1-2	1-36
A	US 2003-0229422 A1 (MARTENS, EDWARD M. et al.) 11 December 2003 See Claims 1-22, Figures 1-10	1-36



Further documents are listed in the continuation of Box C.



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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