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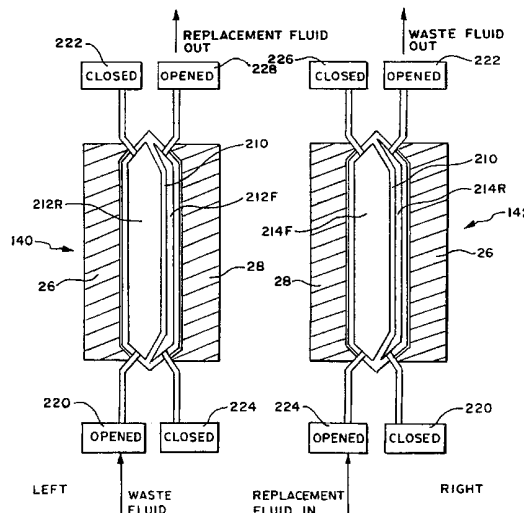
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(54) Title: SYNCHRONIZED VOLUMETRIC FLUID BALANCING SYSTEMS AND METHODS



(57) Abstract: System and methods balance fluid in a fluid processing procedure during which an outgoing fluid is removed from an individual and an ingoing fluid is supplied to the individual. The systems and methods supply a volume of the outgoing fluid and a volume of the ingoing fluid into a volumetric chamber. The systems and methods discharge a volume of the outgoing fluid and a volume of the ingoing fluid from the volumetric chamber. The systems and methods synchronizes the supply and discharge of fluid to affect a concurrent discharge of the outgoing and ingoing fluids from the volumetric chamber in volumetric balance with a concurrent supply of outgoing and ingoing fluids into the volumetric chamber. The volumetric chamber can include at least one chamber including an interior wall dividing the chamber into first and second compartments. The first and second compartments retain a volume of outgoing and ingoing fluids respectively.



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B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S. : Please See Continuation Sheet				
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)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	US 4,610,781 A (Bilstad et al.) 09 September 1986, entire document.	1-41		
Y	US 5,522,998 A (Polaschegg) 04 June 1996, entire document.	1-41		
Y	US 5,836,908 A (Beden et al.) 17 November 1998, entire document.	1-41		
Y	US 5,910,252 A (Truitt et al.) 08 June 1999, entire document.	1-41		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.				
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