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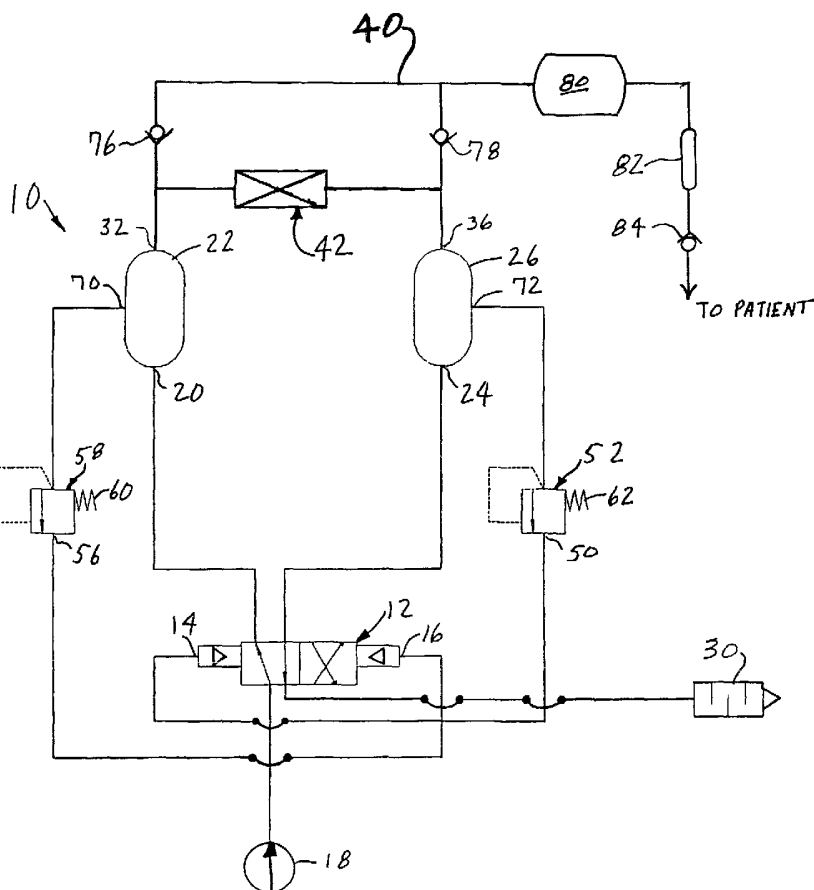
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(54) Title: OXYGEN CONCENTRATOR CONTROL SYSTEM



(57) Abstract: An oxygen concentrator control system (10) controls shifting of sieve beds (22, 26) between adsorption and desorption based on the back pressure within sieve beds (22, 26).

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# INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01D 53/047  
 US CL : 96/113,130

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)

U.S. : 95/19,21,119,122,130; 96/113-115,130,143,144

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 NONE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,340,381 A (VORIH) 23 August 1994 (23.08.94) Fig. 1 and col. 3, lines 48-66.	1
A	US 3,775,946 A (BRAZZEL) 04 December 1973 (04.12.73).	1-8
A	US 5,137,549 A (STANFORD et al.) 11 August 1992 (11.08.92).	1-8
A	US 5,871,564 A (MCCOMBS) 16 February 1999 (16.02.99).	1-8
A	US 6,346,139 B1 (CZABALA) 12 February 2002 (12.02.02).	1-8
A	US 2002/0053286 A1 (CZABALA) 09 May 2002 (09.05.02).	1-8

Further documents are listed in the continuation of Box C.

See patent family annex.

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