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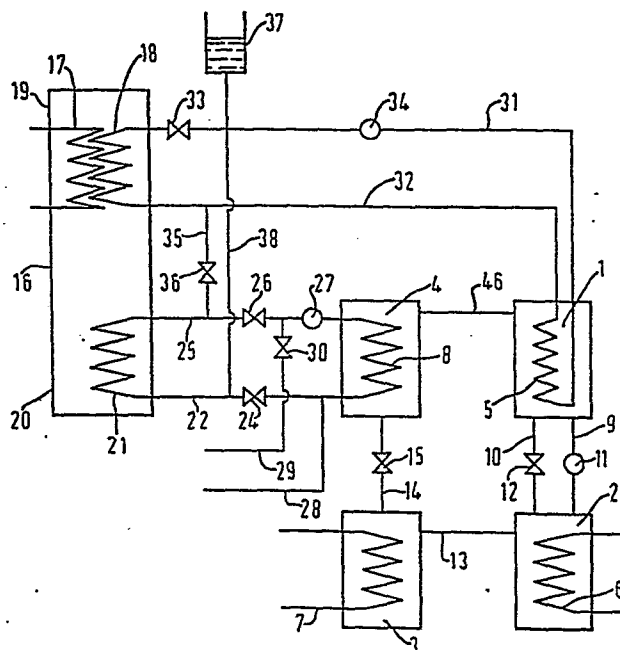
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54 **A tandem heat pump.**

57 An apparatus suitable for pumping heat is described in which an absorption heat pump comprising a generator (1), a condenser (4), an evaporator (3) and an absorber (2) is coupled to an adsorption heat pump (16) comprising an adsorber (19) and an evaporator/condenser (20) and wherein there are means (8) for transferring heat of condensation from the condenser (4) of the absorption heat pump alternately to the external load (28, 29) and to the evaporator/condenser (20) of the adsorption heat pump (16). There are means (18) for transferring heat of adsorption and sensible heat from the adsorption heat pump (16) to the generator (1) of the absorption heat pump.



EP 0 105 603 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Y	EP-A-0 026 257 (ALEFELD) * Whole document *	1-6,8	F 25 B 29/00
Y	FR-A- 747 191 (SIEMENS-SCHUCKERTWERKE AG) * Page 16, line 21 - page 20, line 82; figure 10 *	1-6,8	
A	EP-A-0 035 871 (THERMAL ENERGY STORAGE, INC.) * Whole document *	7	
P,X	GB-A-2 114 730 (EXXON) * Whole document *	1-6	
A	FR-A-2 495 497 (EXXON) * Whole document *	1,2,4 6,8	
A	GB-A-2 076 523 (EXXON) * Whole document *	1,4-6	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 3) F 25 B F 24 J
Place of search THE HAGUE		Date of completion of the search 10-04-1985	Examiner SILVIS H.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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