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(54)

An exercise device.

(57)

An exercise device comprising a user operated air pump in the form of a piston and cylinder arrangement (20, 28) connected to pump air into an air receiver (22). The connection is made via a non-return valve (32) across which is connected a by-pass valve (36). A control unit (30) is connected to a pressure sensor (38) in the air receiver (22) and an operating member on the by-pass valve (36) so that when the pressure in the air receiver (22) reaches or exceeds a predetermined threshold value, as sensed by the pressure sensor (38), the control unit (30) opens the by-pass valve (36) to convert the air pump (20, 28) and air receiver (22) into an air spring.

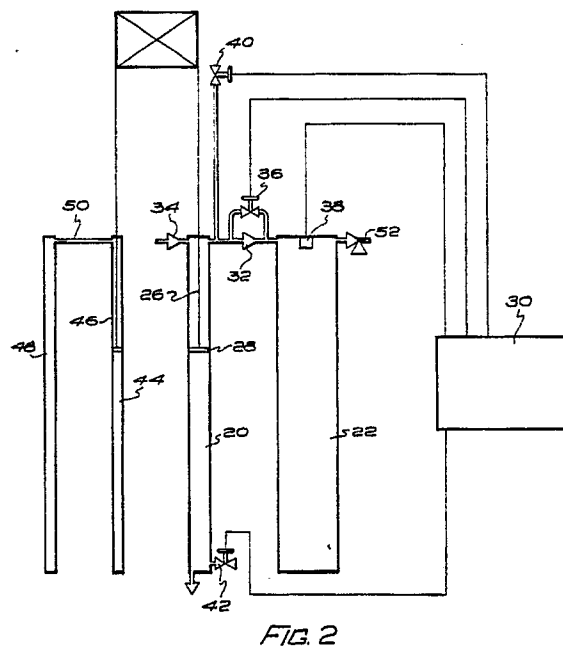


FIG. 2

EP 0 335 616 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.4)
A	US-A-3 387 843 (L.E. CHANDLER) * Column 2, lines 38-42, 54-72 * -----	1	A 63 B 21/00
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 63 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-03-1990	Examiner GERARD B.E.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document 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			