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54 **Exercise apparatus.**

57 An exercise apparatus comprises a track system (11, 12) with a weight carriage (13) movable up and down the track system (11, 12) by means of a flexible tape (14) which is connected between the carriage (13) and a user engagement element such as a foot strap. The tape (14) extends over a guide system (15) so that, when the carriage (13) is pulled upwardly, a resistance is afforded dependent on the weight of the carriage (13) as amplified in its effect by the degree of deflection of the flexible tape (14) through the guide system (15).

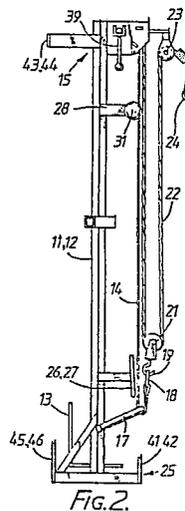


FIG. 2.



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	FR-A-2 480 608 (SARRY) * claims 1, 4, 5; page 2, lines 24-30; figures 4, 5 *	1,3,4-8	A 63 B 21/00 A 63 B 21/02
A	---	2	
Y	GB-A-2 010 101 (PATENTEC PATENTS LTD.) * claim 1; page 2, lines 105-119; abstract; figure 4 *	1,3,4-6	
Y	DE-A-3 528 994 (ERBE) * claims 1-3; figures 1, 10 *	1,7,8	
A	US-A-3 746 338 (PROCTOR) * claims 1-8; figures 2, 3, 5 *	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.3)
			A 63 B 21/00 A 63 B 23/00
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		19-09-1988	PAPA E. R.
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	