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54 **Exercise machine.**

57 An exercise machine (2) includes side frame members (6). Electromagnetic brakes (62) supported on movable carriages (66) slide along side frame members (6). Carriages (66) includes a hinge (100) for allowing each brake (62) to pivot between multiple positions. Both types of motion allow the output shafts on brakes (62) to be reoriented relative to a support bench (20) on which a user of machine (2) is located. Various exercise attachments may be coupled to brake output shafts for contacting various body members to perform different exercises. A controller regulates the force levels of brakes (62).

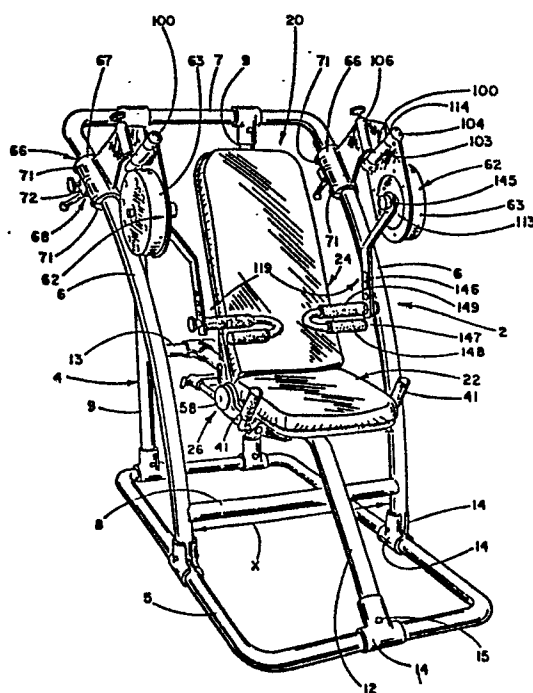


FIG.1



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EUROPEAN SEARCH REPORT

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EP 85 63 0195

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	GB-A-1 405 836 (JONES) * claims 1, 11, 14; figures 3-9 * ---	1, 2, 6, 12, 19	A 63 B 21/00 A 63 B 23/04
A	US-A-3 103 357 (BERNE) * column 2, lines 21-39; figure 1 *	1	
A	EP-A-0 051 377 (BENTLEY) * claims 1, 7; figures 1, 2 *	1, 7, 8, 13, 16, 18	
A	FR-A-2 045 215 (VACHER) * page 2, line 31 - page 3, line 37; figures 1-10 *	1, 7, 8, 13, 16, 18	
A	FR-A-1 500 390 (MARTINIE) * page 3, column 1, line 4 - column 2, line 23; figures 1, 2, 4, 5 *	1, 7	
A	US-A-3 953 025 (MAZMAN) * claim 1; figures 1-9 * -----	1	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 21-05-1986	Examiner MASSALSKI W.
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	