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(54) Physical training implement for exercising abdominal muscles

(57) A physical training implement for exercising abdominal muscles comprises an implement structure (1) including a supporting frame (2), a bearing base (3) and a pair of cross supporting elements (4), the bearing base (3) and cross supporting element pair (4) being coupled to the supporting frame, the implement structure (1)

comprising moreover supporting means (5a,5b,7a,7b, 8,11,13a,13b,14a,14b,16,17,18,19) for allowing said structure to swing about a middle longitudinal and/or cross plane thereof as the implement is used. The amplitude of the swinging movement is limited by side extensions (21,22).

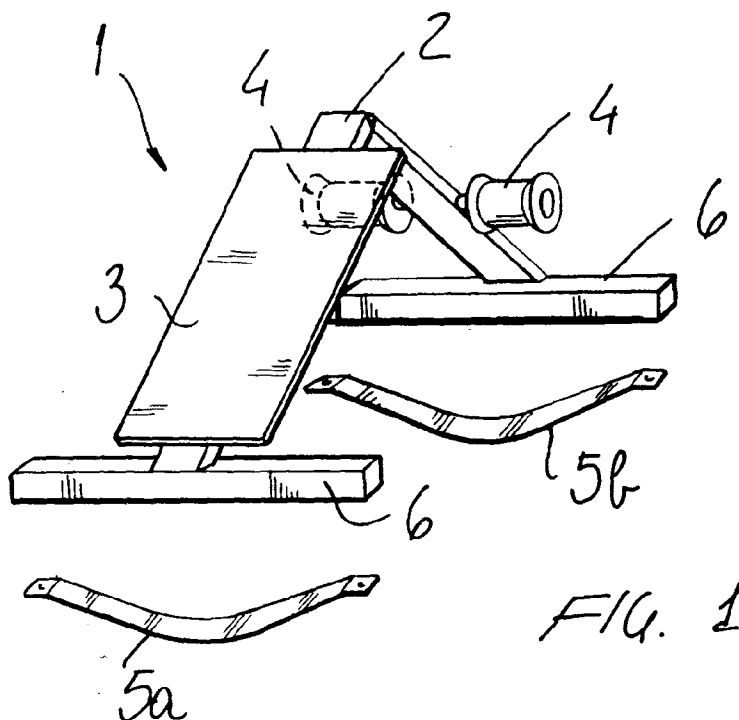


FIG. 1

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EUROPEAN SEARCH REPORT

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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.6)
X	US 2 219 624 A (DIXON) * page 1, right-hand column, line 3 - page 2, right-hand column, line 33; figures 1-5 *	1,5	A63B1/00 A63B23/02
X	--- US 3 687 449 A (NEWMAN) * column 1, line 66 - column 4, line 60; figures 1,2,5 *	1	
A	--- GB 1 468 671 A (SHEPPARD) * the whole document *	1-4	
A	--- FR 2 421 635 A (HERVEOU ET AL.) * the whole document *	1,6,7	
A	--- WO 95 31256 A (KUPRIAN ET AL.) * page 2, line 21 - page 4, line 17; figures 3,4 *	1,6	
A	--- DE 26 27 654 A (ALBINGIA VERSICHERUNGS AG) * the whole document *	1,6	
A	--- FR 2 089 876 A (FIRMA HEINZ KETTLER METALLWARENFABRIK) * page 2, line 18 - page 4, line 26; figures 4,5 *	1,8,9, 11-14	TECHNICAL FIELDS SEARCHED (Int.Cl.6) A63B
A	--- US 3 961 787 A (STUDEBAKER ET AL.) * the whole document *	1,10	
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A	--- US 5 308 306 A (WANG) * figure 1 *	1	
A	--- GB 196 028 A (TURNER) ---		
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 September 1997	Examiner Giesen, M
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			

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