

(19)



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(11)

EP 0 870 520 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
02.12.1998 Bulletin 1998/49

(51) Int. Cl.⁶: **A63B 21/005**, A63B 23/12

(43) Date of publication A2:
14.10.1998 Bulletin 1998/42

(21) Application number: **97810204.4**

(22) Date of filing: **09.04.1997**

(84) Designated Contracting States:
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**

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(54) **A resistance mechanism for an exercising device**

(57) A resistance mechanism for an exercising device includes a frame, a bi-directional electric motor installed on the frame and provided with an output axle, a pulley fixedly mounted on the output axle and formed with two parallel circular grooves, an idle wheel rotatably arranged on the frame, a first belt having one end connected with one of the grooves of the pulley and wound thereon in a direction, a second belt having one end connected with another one of the grooves of the pulley and wound thereon in an opposite direction and engaged with the idle wheel, and an oscillating arm having one end pivotally connected with the axle of the exercising device and another end fixedly connected with another end of the first belt and another end of the second belt, whereby a resistance force will be applied to the axle when the electric bi-directional motor is turned on.

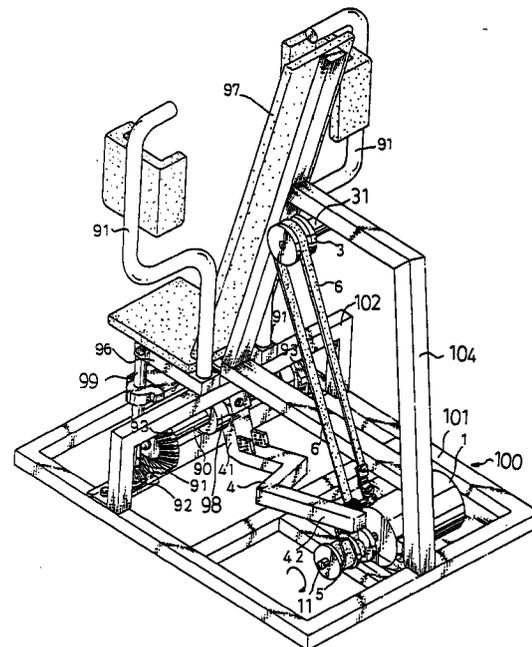


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 81 0204

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)
A	GB 2 157 578 A (WESTON PAUL ANDREW) 30 October 1985 * page 1, line 59 - page 2, line 4; figure 2 *	1	A63B21/005 A63B23/12
A	EP 0 190 065 A (CHAMPAVIER LOUIS) 6 August 1986 * page 2, line 16 - page 4, line 3; figures *	1	
A	EP 0 737 491 A (KUO HAI PIN) 16 October 1996 * the whole document *	1	
A	GB 2 130 899 A (SCHNELL JOSEF) 13 June 1984 * page 3, line 68 - page 4, line 10; figures 1-6 *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A63B
Place of search		Date of completion of the search	Examiner
THE HAGUE		27 August 1997	Neumann, E
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EPO FORM 1503 03.82 (P04C01)