



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 163 932 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
30.07.2003 Bulletin 2003/31

(51) Int Cl.7: **A63B 22/08**, A63B 23/035,
A63B 23/04, A63B 22/06

(43) Date of publication A2:
19.12.2001 Bulletin 2001/51

(21) Application number: **01830372.7**

(22) Date of filing: **07.06.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Alessandri, Nerio**
47020 Longiano (Forli) (IT)

(74) Representative: **Lanzoni, Luciano**
c/o BUGNION S.p.A.
Via Goito, 18
40126 Bologna (IT)

(30) Priority: **07.06.2000 IT BO000342**

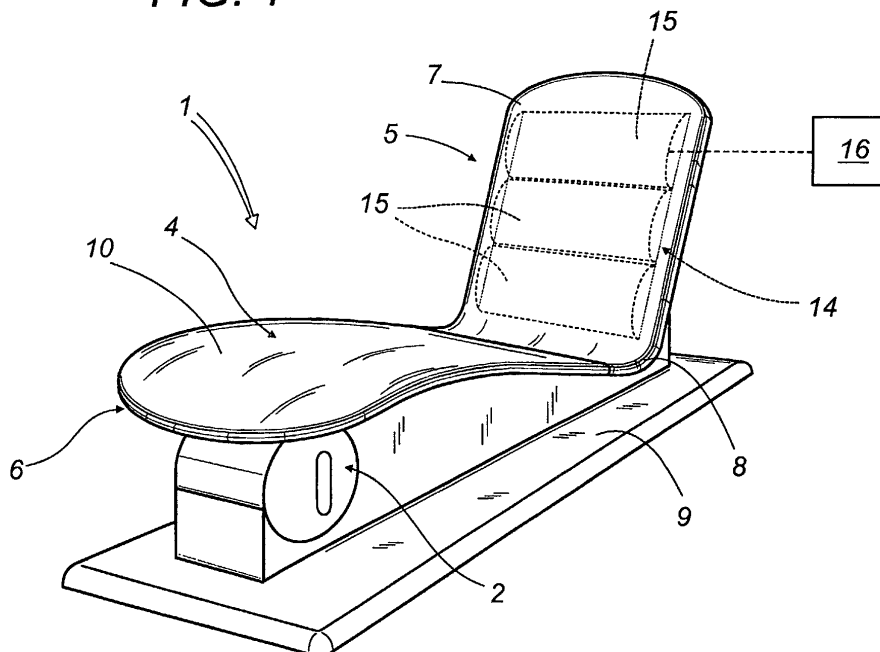
(71) Applicant: **TECHNOGYM S.r.l.**
47035 Gambettola (Forli) (IT)

(54) **An exercise machine**

(57) An exercise machine comprises an organ (2) able to be moved cyclically to exchange power with a user, interfacing means (3) between the movable organ (2) and the user to allow an exercise motion and means (4) for supporting the user for the exercise; the machine (1) comprises at least two portions (5, 6) connected to each other and mutually movable between two stable

configurations, respectively: non operative in correspondence with which the two portions (5, 6) define a furnishing structure to cover the movable organ (2) and the interfacing means (3) and operative, for exercising, in correspondence with which at least a portion (5, 6) makes active the movable organ (2) and the interfacing means (3).

FIG. 1



EP 1 163 932 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 83 0372

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.7)
X	US 3 738 649 A (MILLER E) 12 June 1973 (1973-06-12)	1-3,5,7	A63B22/08 A63B23/035
Y	* the whole document *	4,8-10	A63B23/04 A63B22/06

X	DE 10 99 918 B (ERWIN ZAISER) 16 February 1961 (1961-02-16)	1-3	
Y	* column 2, line 22 - line 29 *	4,10	
	* column 3, line 40 - line 56; figures *		

Y	US 5 913 568 A (FLESNER DAVID W ET AL) 22 June 1999 (1999-06-22)	8,9	
	* column 3, line 34 - line 50 *		

X	US 4 921 247 A (STERLING JOSEPH F) 1 May 1990 (1990-05-01)	1-3,5	
	* figures *		

X	US 4 974 840 A (WELCH BOBBY J) 4 December 1990 (1990-12-04)	1-3	
	* figures *		

X	US 4 805 901 A (KULICK JOHN M) 21 February 1989 (1989-02-21)	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A63B A61H
	* figures *		

X	US 5 813 947 A (DENSMORE ELMORE A) 29 September 1998 (1998-09-29)	1	
	* column 2, line 26 - column 3, line 18; figures *		

P,X	DE 100 25 109 A (STARK PAUL) 21 December 2000 (2000-12-21)	1-3,5, 8-10	
	* the whole document *		

The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 4 June 2003	Examiner Squeri, 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			

EPO FORM 1503 03/82 (P04/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 83 0372

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-06-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3738649	A	12-06-1973	CA	924116 A1	03-04-1973
DE 1099918	B	16-02-1961	NONE		
US 5913568	A	22-06-1999	US	2002145321 A1	10-10-2002
			US	6340207 B1	22-01-2002
			US	6357827 B1	19-03-2002
US 4921247	A	01-05-1990	NONE		
US 4974840	A	04-12-1990	NONE		
US 4805901	A	21-02-1989	NONE		
US 5813947	A	29-09-1998	NONE		
DE 10025109	A	21-12-2000	DE	10025109 A1	21-12-2000