



Europäisches Patentamt
European Patent Office
Office européen des brevets

Publication number:

0 058 052
A3

12

EUROPEAN PATENT APPLICATION

21 Application number: **82300558.2**

51 Int. Cl. 3: **A 63 B 23/04, A 63 B 21/00**

22 Date of filing: **03.02.82**

30 Priority: **06.02.81 GB 8103766**

43 Date of publication of application: **18.08.82**
Bulletin 82/33

84 Designated Contracting States: **AT BE CH DE FR GB IT**
LI LU NL SE

88 Date of deferred publication of search
report: **22.09.82 Bulletin 82/38**

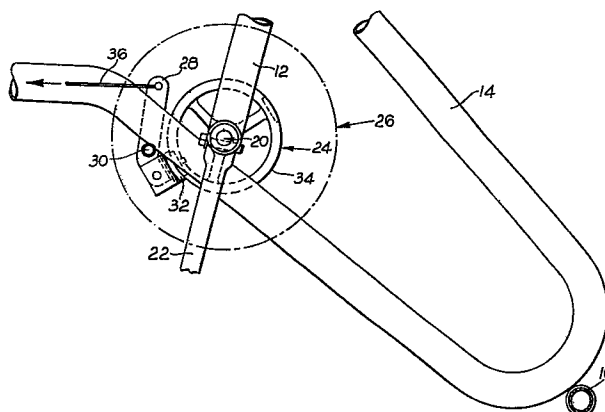
71 Applicant: **HERBERT TERRY & SONS LIMITED**, Millsbro
Road, Redditch Hereford & Worcester B98 7AH (GB)

72 Inventor: **Smith, Roger Michael**, 23 Lovell Road, Yoxall
Staffordshire (GB)

74 Representative: **Collingwood, Anthony Robert et al**,
LEWIS W. GOOLD & CO. Whitehall
Chambers 23 Colmore Row, Birmingham B3 2BL (GB)

54 **Exerciser device.**

57 An exerciser device comprises a brake drum (24) and associated flywheel (26) which can be set into rotation by means of pedal cranks (22). A brake element (32) contacts the periphery of the brake drum (24) so as to exert resistance to turning of the brake drum. The braking surface of the drum (24) is provided with low friction areas in the form of plastic pads (38) which are cooperable with the brake block (32) at those positions corresponding to the top dead centre and bottom dead centre positions of the pedal cranks (22) thereby reducing the resistance to turning of the drum (24) and flywheel (26) as the pedal cranks (22) pass through such positions during each revolution.



EP 0 058 052 A3



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)
P, X	DE-A-3 106 448 (SHIMANO INDUSTRIAL CO. LTD.) *Claims 1,3*	1-3, 5, 8, 9	A 63 B 23/04 A 63 B 21/00
X	--- US-A-3 501 142 (B.I. JOHANSSON) *The whole document* -----	2	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			A 63 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-06-1982	Examiner LEVENBACH J.H.
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	