

⑫

EUROPEAN PATENT APPLICATION

⑰ Application number: **85300315.0**

⑰ Int. Cl.⁴: **A 63 B 21/00, A 63 B 23/00,**
A 63 B 69/00

⑱ Date of filing: **17.01.85**

⑳ Priority: **19.01.84 GB 8401425**

⑴ Applicant: **Modern International Leisure Limited,**
Kingsgate House Kingsgate Place, London, NW6 4HG
(GB)

㉓ Date of publication of application: **24.07.85**
Bulletin 85/30

⑵ Inventor: **Christensen, Julie Carol, 63 Wingate Avenue,**
Westgate Morecambe Lancashire (GB)
Inventor: **Dennis, Barry, Parkwood, The Royd Yarm**
Cleveland (GB)

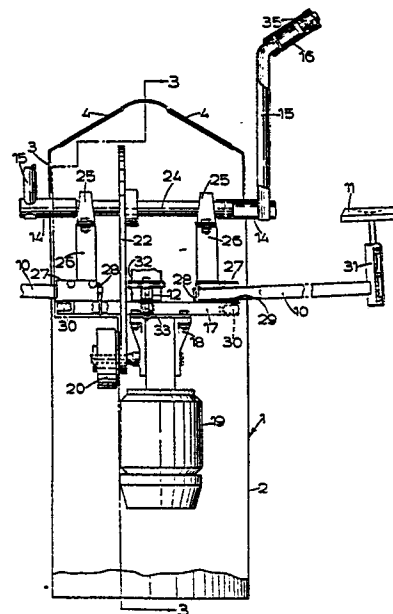
㉔ Designated Contracting States: **AT BE CH DE FR IT LI LU**
NL SE

㉘ Date of deferred publication of search
report: **25.03.87 Bulletin 87/13**

⑷ Representative: **Wallbank, Roger Wickham, BARKER,**
BRETTELL & DUNCAN 138 Hagley Road, Edgbaston
Birmingham, B16 9PW (GB)

⑸ **Amusement device.**

⑸ An amusement device enables two players to play a game resembling conventional arm wrestling. One player sits on a seat (8) each side of the device. Each player has a handle (16) to grasp, the handle being mounted on an associated operating arm (15) connected to a common main shaft (24) which is rotatable about a horizontal axis. Biasing means (19, 20) is provided to compensate for differences in the players' strengths or physiques. The biasing means may comprise a reversible motor (19) which drives, through reduction gearing, the input of a slipping clutch (20). The output of the clutch is connected to the main shaft. The strength of the coupling effected by the clutch can be varied. Sensing switches (30, 35) are operated by each player when he or she is in a suitable playing position. Movement from that position generates warning signals. In a modification the device may be used by a single player. In that case the biasing means counters unaided the forces exerted by the player. The second handle and arm may be omitted if the device is always to be used by only a lone player.





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)
Y	US-A-4 184 675 (ROGERSON) * claim 1; abstract; figures 1, 4 *	1,6-11 ,14	A 63 B 21/28 A 63 B 23/00 A 63 B 21/00 A 63 B 69/00
A		3-5	
Y	--- US-A-3 869 121 (FLAVELL) * claims 1, 13; column 13, line 62 - column 14, line 17; abstract; figures 1, 2 *	1,6-11 ,14	
A		13	
A	--- US-A-4 220 330 (MONTGOMERY) * claim 1; abstract *	12	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
P,A	--- US-A-4 482 149 (WELDON) * claim 1; figure 1 *	1,14	A 63 B 21/00 A 63 B 23/00
A	--- DE-C- 546 862 (LUTZ) * claim 1; figure 1 *	1,14	
A	--- US-A-3 947 025 (HOBBY) * claim 1; figure 1 * -----	1	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 07-11-1986	Examiner PAPA E. R.
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			