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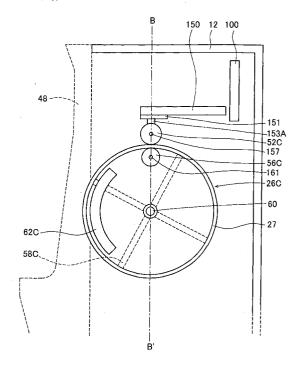
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(54) Gaming machine

(57)In the gaming machine 10, it is provided the drive rollers 52L, 52C, 52R each of which is rotatably supported while contacting to the outer periphery of the cylindrical member 27 at the side edge of each reel 26L, 26C, 26R and the following rollers 65L, 56C, 56R each of which is rotatably supported while contacting to the inner surface of the cylindrical member 27 corresponding to the contact portion where each of drive rollers 52L, 52C, 52R is contacted to the outer periphery of the cylindrical member 27, thereby the cylindrical member 27 in each reel 26L, 26C, 26R is held between the drive roller 52L, 52C, 52R and the following roller 56L, 56C, 56R. Each reel 26L, 26C, 26R is rotated together with the drive roller 52L, 52C, 52R and the following roller 56L, 56C, 56R when each drive roller 52L, 52C, 52R is rotated by the stepping motor 54L, 54C, 54R.

FIG.4



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EUROPEAN SEARCH REPORT

Application Number EP 04 00 0359

	DOCUMENTS CONSIDI				
Category	Citation of document with in of relevant passaç			Relevant o claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Х	GB 2 287 344 A (* B 13 September 1995 (* abstract; figures * page 5, line 6 - * page 5, line 20 -	1995-09-13) 1-4 * line 7 *		8	G07F17/32
X	US 4 754 658 A (GUT 5 July 1988 (1988-0 * abstract; figures * column 2, line 3 * column 3, line 10	7-05) 1-4 * - line 46 *	ne 54 *	8	
А	DE 34 13 990 A1 (TH 31 October 1985 (19 * abstract; figures * page 4, line 14 - * page 5, line 17 -	85-10-31) 1-3b * page 5, line 4		8	
А	BE 898 171 A (LOPEZ 1 March 1984 (1984- * page 3, line 2 - * page 4, line 31 -	03-01) line 36 *		8	TECHNICAL FIELDS SEARCHED (Int.CI.7)
А	GB 2 356 483 A (* S LIMITED) 23 May 200 * figures 1,2 *	TARPOINT ELECTR 1 (2001-05-23)	ICS 1,	8	G07 F
	The present search report has b	·			
	Place of search Munich	Date of completion 15 July		Lav	Examiner in Liermo, J
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anoth iment of the same category inological background written disolosure rmediate document	T:tt E:e at er D:c L:d &:n	neory or principle undo arlier patent documer ter the filing date locument cited in the a ocument cited for othe	erlying the in ht, but publis application er reasons	vention hed on, or

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

EP 04 00 0359

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.

15-07-2005

US 4754658 A 05-07-1988 AU 590658 B2 09-11-19 AU 6746487 A 14-04-19 DE 3702158 A1 21-04-19 ES 2004196 A6 16-12-19 FR 2605124 A1 15-04-19 GB 2195805 A ,B 13-04-19 JP 5066831 B 22-09-19 JP 63097188 A 27-04-19 NL 8700093 A 02-05-19 DE 3413990 A1 31-10-1985 NONE		Patent document ed in search report		Publication date		Patent family member(s)	Publication date
US 4754658 A 05-07-1988 AU 590658 B2 09-11-19 AU 6746487 A 14-04-19 DE 3702158 A1 21-04-19 ES 2004196 A6 16-12-19 FR 2605124 A1 15-04-19 GB 2195805 A ,B 13-04-19 JP 5066831 B 22-09-19 JP 63097188 A 27-04-19 NL 8700093 A 02-05-19 DE 3413990 A1 31-10-1985 NONE BE 898171 A 01-03-1984 GB 2150335 A 26-06-19	GB	2287344	Α		ES	2107369 A1	16-11-19
BE 898171 A 01-03-1984 GB 2150335 A 26-06-19	US	4754658	А		AU DE ES FR GB JP JP	6746487 A 3702158 A1 2004196 A6 2605124 A1 2195805 A ,B 5066831 B 63097188 A	09-11-19 14-04-19 21-04-19 16-12-19 15-04-19 13-04-19 22-09-19 27-04-19 02-05-19
	DE	3413990	A1	31-10-1985	NONE		
GB 2356483 A 23-05-2001 NONE	BE	898171	Α	01-03-1984	GB	2150335 A	26-06-19
	GB	2356483	 А	23-05-2001	NONE		

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82