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#### (54) Gaming machine

(57)A method and apparatus for changing an appearance of a displayed mechanical device on a gaming machine is disclosed. The displayed mechanical device may be a plurality of mechanical spinning reels, a mechanical wheel, or mechanical dice. The method includes receiving a wager to play a wagering base game, detecting a first indication to play a special feature game and, in response to detecting the first indication, changing an appearance of the displayed mechanical device. The special feature game may be a bonus game or any other secondary game offered by the gaming machine. The appearance change preferably includes changing a color of the displayed mechanical device using an illumination source. The method further includes detecting a second indication to terminate play of the special feature game, and in response to detecting the second indication, restoring the appearance of the displayed mechanical device.

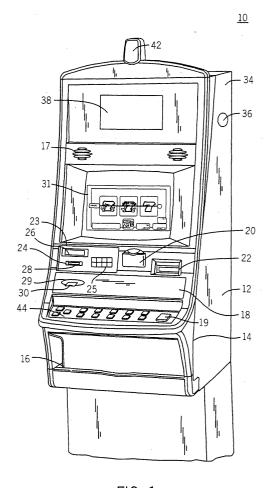


FIG. 1



# **EUROPEAN SEARCH REPORT**

Application Number EP 04 01 6592

Category	Citation of document with indicat of relevant passages	tion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)			
X	US 2003/087690 A1 (L008 May 2003 (2003-05-08) * paragraph [0004] * * paragraph [0012] * * paragraph [0017] * * paragraph [0019] * * paragraph [0020] - pfigure 11 *	1-31	G07F17/32				
X	EP 0 887 775 A (ARUZE 30 December 1998 (1998 * abstract * column 1, line 45 - column 2, line 9 - l * column 3, line 24 - column 4, line 51 - column 5, line 36 - *	3-12-30) line 55 * ine 17 * line 35 * line 58 *	1-31				
Х	US 2003/119577 A1 (MOT 26 June 2003 (2003-06- * abstract * * paragraph [0009]; fi * paragraph [0013] * * paragraph [0035] - p * paragraph [0065] - p * paragraph [0074] *	26) gures 2,4,6 * paragraph [0037] *	1-5,13,20,30	TECHNICAL FIELDS SEARCHED (Int.CI.7)			
X	WO 03/054818 A (PROIND MUNOZ, JOAQUIN; FRANCO 3 July 2003 (2003-07-0 * page 4 *	MUNOZ, JĒSUS) 03)  -/	1-4				
	Place of search	Date of completion of the search		Examiner			
	Munich	18 March 2005	Lav	/in Liermo, J			
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category nological background	T : theory or principl E : earlier patent do after the filing dat D : document cited i L : document cited f	le underlying the cument, but publite in the application or other reasons	invention shed on, or			
O : non-written disclosure P : intermediate document			& : member of the same patent family, corresponding document				



# **EUROPEAN SEARCH REPORT**

Application Number EP 04 01 6592

Category	Citation of document with indic of relevant passages	ation, where appropri	ate,			CLASSIFICATION	
X	EP 0 997 857 A (ARUZE 3 May 2000 (2000-05-0 * abstract * * paragraph [0018] * * paragraph [0021] * * paragraph [0022] - * paragraph [0036] * * paragraph [0036] * * paragraph [0047] * * paragraph [0083] * * paragraph [0087] * * paragraph [0138]; f	3) paragraph [00	023] *	1,1	3,20,		
Х	US 6 315 289 B1 (SAKA 13 November 2001 (200 * column 13, line 49	1-11-13)	ZU ET AL)	1,1 30	3,20,		
Х	US 6 206 781 B1 (SUNA 27 March 2001 (2001-0 * abstract *		-)	1,1 30	3,20,	TECHNICAL FI SEARCHED	ELDS (Int.Cl.7)
X	US 2001/031658 A1 (07 18 October 2001 (2001 * paragraph [0045] * * paragraph [0055] * * paragraph [0113] *	-10-18)		1,1	3,20,		
	Place of search	Date of completio				Examiner	
	Munich	18 March	n 2005		Lavin	Liermo,	J
X : parti Y : parti docu A : tech	ment of the same category nological background	E: 0: L:0	document cited for	ument, the ap r other	but published plication reasons	on, or	
Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		L:0	D : document cited in the application     L : document cited for other reasons     **     **: member of the same patent family, corresponding document*				

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

EP 04 01 6592

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.

18-03-2005

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 2003087690 A1	08-05-2003	US US AU CA EP EP ZA	2002175466 2004198485 4239502 2385730 1260928 1462152 200203821	A1 A1 A2 A2	28-11-2002 07-10-2004 28-11-2002 22-11-2002 27-11-2002 29-09-2004 14-11-2003
EP 0887775 A	30-12-1998	JP JP AT AU DE DE DE EP US	3451893 11009763 211569 734147 7193598 69803334 69803334 887775 0887775 6086066	A T B2 A D1 T2 T1 A1	29-09-2003 19-01-1999 15-01-2002 07-06-2001 24-12-1998 28-02-2002 08-08-2002 22-07-1999 30-12-1998 11-07-2000
US 2003119577 A1	26-06-2003	JP AU	2003190367 756169		08-07-2003 09-01-2003
WO 03054818 A	03-07-2003	ES AU BR EP WO	2189690 2002304597 0215347 1457938 03054818	A1 A A1	01-07-2003 09-07-2003 16-11-2004 15-09-2004 03-07-2003
EP 0997857 A	03-05-2000	JP AU AU EP US ZA	2000126371 759510 5607699 0997857 2002010016 9906760	B2 A A2 A1	09-05-2000 17-04-2003 04-05-2000 03-05-2000 24-01-2002 02-05-2000
US 6315289 B1	13-11-2001	JP JP JP JP	11216222 3232076 2000300725 2000300726 2001246044	B2 A A	10-08-1999 26-11-2001 31-10-2000 31-10-2000 11-09-2001
US 6206781 B1	27-03-2001	US US US US	6106393 2003083124 6506116 6174233	A1 B1	22-08-2000 01-05-2003 14-01-2003 16-01-2001

FORM P0459

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

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

EP 04 01 6592

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.

18-03-2005

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2001031658 A1	18-10-2001	JP 2001238995 JP 2001252393 JP 2001252394	3 A	04-09-2001 18-09-2001 18-09-2001
For more details about this annex : see C				
ັ∟ ດ ⊞ For more details about this annex : see C	official Journal of the Euro	pean Patent Office, No. 12/	82	