

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 June 2008 (05.06.2008)

PCT

(10) International Publication Number
WO 2008/066686 A3

- (51) **International Patent Classification:**
G07F 17/32 (2006.01) **A63F 7/24** (2006.01)
- (21) **International Application Number:**
PCT/US2007/023568
- (22) **International Filing Date:**
7 November 2007 (07.11.2007)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
11/598,254 9 November 2006 (09.11.2006) US
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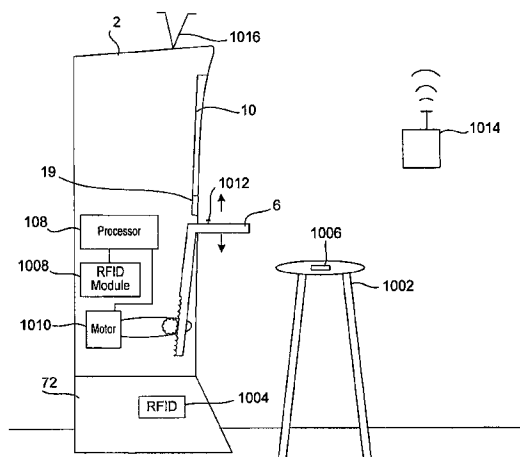
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(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) **Title:** PERSONALIZATION OF VIDEO AND SOUND PRESENTATION ON A GAMING MACHINE



(57) **Abstract:** Disclosed are gaming machines, including related methods, apparatus, and systems, including computer program products, implementing and using techniques for providing a game of chance. Peripheral devices, such as a bill acceptor and ticket printer, are consolidated in a central region of the gaming machine, behind a moveable door of the machine. Doors of the machine, including a door having a display, are moveable in directions along a longitudinal axis of the machine between open and closed positions. An adjustable button panel is moveable to a plurality of positions along the longitudinal axis, independent of the moveable doors. An array of networked displays on one or more gaming machines are controlled to simultaneously output lighting patterns, including synchronized patterns, associated with various events. Designated lighting patterns can also be output on light borders disposed around groups of buttons and other input devices on the button panel. A player interface is coupled to receive player input for setting parameters defining the audio and video presentation of game data on the machine. Contributing to the audio presentation, one or more speakers situated in an upper region of the cabinet are oriented at a downward angle.

WO 2008/066686 A3



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
25 September 2008

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/023568

A. CLASSIFICATION OF SUBJECT MATTER

INV. G07F17/32
ADD. A63F7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 686 549 A (ARUZE CORP [JP]) 2 August 2006 (2006-08-02) figure 13	1-20
A	US 2005/037843 A1 (WELLS WILLIAM [US] ET AL) 17 February 2005 (2005-02-17) figures 16-20	1-20
A	EP 1 544 025 A (AISIN SEIKI [JP]) 22 June 2005 (2005-06-22) figures 1,2	1-20

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See patent family annex.

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Date of the actual completion of the international search

1 August 2008

Date of mailing of the international search report

11/08/2008

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/023568

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1686549	A	02-08-2006	AU 2006200344 A1	17-08-2006
			KR 20060088061 A	03-08-2006
			US 2006183544 A1	17-08-2006
<hr/>				
US 2005037843	A1	17-02-2005	GB 2420681 A	31-05-2006
			JP 2007502157 T	08-02-2007
			WO 2005016473 A2	24-02-2005
<hr/>				
EP 1544025	A	22-06-2005	DE 602004003887 T2	24-05-2007
			JP 2005153742 A	16-06-2005
			US 2005131609 A1	16-06-2005
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