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(54) Title: GAMING MACHINE DOOR LATCH

(57) Abstract: A gaming machine door latch (200) comprises a slide (202) having one or more associated catches (210), and lock or latch strikes (240). The slide (202) may be mounted to the gaming machine (100) housing for vertical movement. The catches (210) are mounted to the slide (202) and may be configured to pivot. The strikes (240) are mounted to the door (104). When the gaming machine door (104) is closed, the catches (210) automatically engage the strikes (240), thus latching the door. The door (104) may be opened by raising the slide (202), causing the catches (210) to move out of engagement with the strikes (240). The latch (200) may include a lock (230) which locks and unlocks the slide (202).

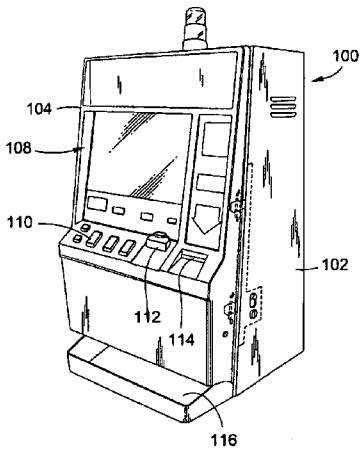


Fig. 1

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

E05B 55/00(2006.01)i, E05B 57/00(2006.01)i

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)

E05B 55/00; E05B 15/02; E05B 47/00; E05B 49/00; E05B 65/02

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

Korean utility models and applications for utility models
Japanese utility models and applications for utility models
(Chinese Patents and application for patent)

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

eKOMPASS(KIPO internal) & Keywords: latch, door, lock, catch, slide

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2008-038353 A (SHINKO ELECTRIC CO., LTD.) 21 February 2008 See paragraphs 18 to 20 and figure 3.	1,2,4-6 3,7-12
Y	KR 10-0576080 B1 (NAUTILUS HYOSUNG INC.) 3 May 2006 See page 3, line 56 - page 4, line 10.	3,7-12
A	US 2007-0052251 A1 (PEKKA HAUTALA et al.) 08 March 2007 See abstract and figues 4 - 6.	1-12

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents,such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/KR Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer KO, Jun Seok Telephone No. 481-8221

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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KR 10-0576080 B1	03.05.2006	None	
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