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(54) RECREATIONAL APPARATUS

(57) A recreational apparatus includes a cabin unit (2), a stage (3) and a power unit (4). The cabin unit (2) includes a cabin body (21) that carries a user, and a door (22) that is mounted to an opening of the cabin body (21) and that is switchable between an open state and a closed state. The stage (3) is disposed beside the cabin unit (2), and includes an exhibition enclosure (31) that is

revealed to the user when the opening of the cabin body (21) is aligned with the exhibition enclosure (31) and when the door (22) is in the open state. The power unit (4) includes an actuator (41) that is disposed on the cabin unit (2) and that drives the cabin unit (2) to move vertically within a period during which the door (22) is in the closed state.

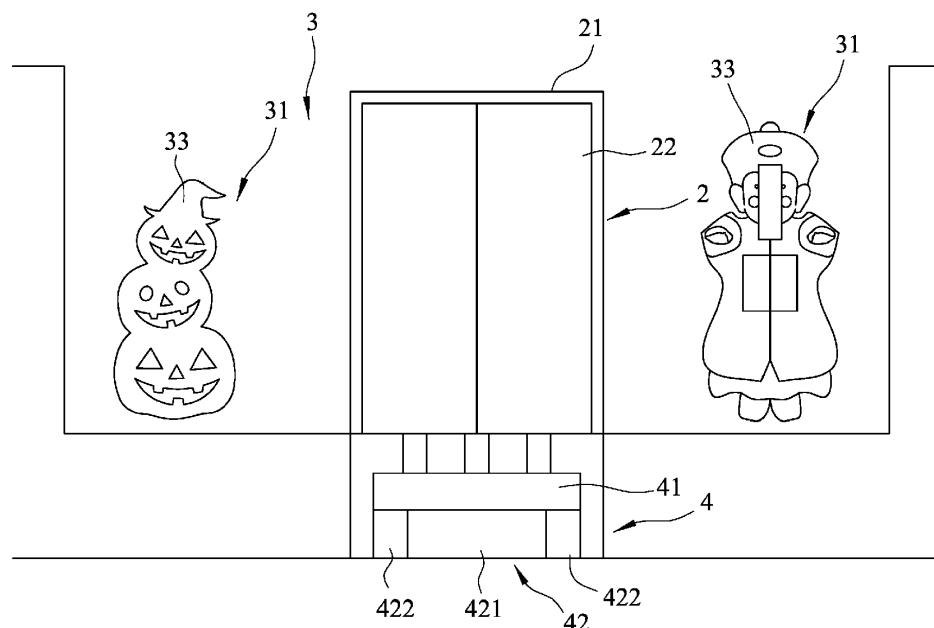


FIG.2



EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10 X	US 482 736 A (H. HARDY) 20 September 1892 (1892-09-20) * page 1, lines 9-77; page 2, line 64 - page 6, line 95, ; page 6, line 96 - page 11, line 96, ; page 11, line 97 - page 16, line 97, ; page 16, line 98 - page 21, line 98, ; page 21, line 99 - page 26, line 99, ; page 27, line 0 - page 31, line 7; figures 2, 3, 3a *	1,2,16 3-15	INV. A63G31/10 A63G31/16
15 Y	-----		
20 X	GB 2 476 078 A (FAIRNEY WILLIAM [GB]) 15 June 2011 (2011-06-15) * figures 4, 5 *	1,2,16	
25 Y	----- JP 2001 054682 A (MASAGO IND) 27 February 2001 (2001-02-27) * the whole document *	3-15	
30 Y	----- US 1 048 152 A (GREGSON THOMAS E [US]) 24 December 1912 (1912-12-24) * the whole document *	3	TECHNICAL FIELDS SEARCHED (IPC)
35 A	----- US 2013/324271 A1 (STOKER DANIEL JAMES [US]) 5 December 2013 (2013-12-05) * the whole document *	1-16	A63G
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50 2	The present search report has been drawn up for all claims		
55	Place of search Munich	Date of completion of the search 2 March 2020	Examiner Turmo, Robert
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			



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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1. claims: 1, 2, 16

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Directed to a recreational apparatus wherein the actuator of the power unit is configured to drive the cabin unit to move up and down at least once vertically within the period, before the door is switched to the open state.

Problem: how to provide a recreational apparatus at different levels of height.

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2. claims: 3-15

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Directed to a recreational apparatus wherein the stage further includes a passage via which the user gains access to the cabin unit, and the exhibition enclosure, the passage and the cabin unit are disposed at substantially the same level of height.

Problem: how to provide a recreational apparatus mainly at the same level of height.

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

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5 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.

02-03-2020

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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15	GB 2476078 A 15-06-2011		NONE	
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82