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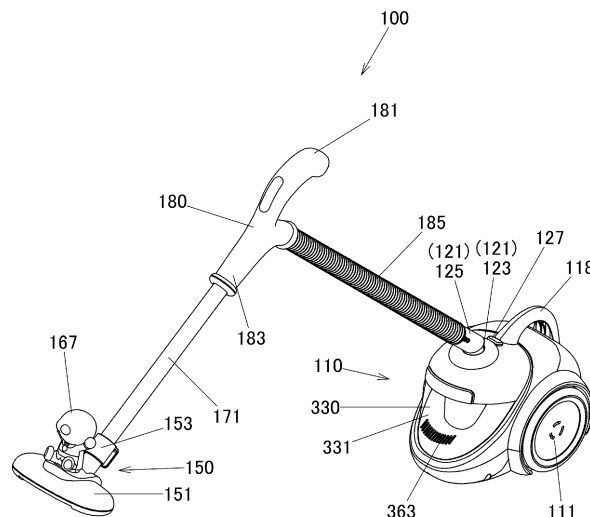
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(54) **TOY VACUUM CLEANER**

(57) To provide a toy vacuum cleaner with which a player enjoys playing by seeing the toy sucking air and dust and which is allowed to be played with long time joyfully without making buoyant objects dirty by the air sucked in, a toy vacuum cleaner is provided in which outside air is sucked from an intake port of an intake head into an interior of a vacuum cleaner main body via a dust pod provided at the rear of the vacuum cleaner main

body, a front air compartment separated from the interior of the vacuum cleaner main body is provided at the front of the vacuum cleaner main body, buoyant objects are sealed in the front air compartment, and the air is discharged from the front air compartment to an exterior of the vacuum cleaner main body via a space compartment and an exhaust duct.

Fig.1





## EUROPEAN SEARCH REPORT

Application Number  
EP 15 15 9684

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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) |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US 5 919 078 A (CASSIDY PAUL MICHAEL [GB])<br>6 July 1999 (1999-07-06)<br>* column 2, line 38 - column 4, 19; figure 2 * | 1,2                              | INV.<br>A63H33/30                       |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CA 2 224 622 A1 (HASBRO INC [US])<br>11 June 1999 (1999-06-11)<br>* the whole document *                                 | 1,2                              |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GB 2 314 785 A (CASSIDY BROTHERS PLC [GB])<br>14 January 1998 (1998-01-14)<br>* the whole document *                     | 1,2                              |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | JP 2000 135186 A (YM CREATION KK; TONOZUKA RIKAKO) 16 May 2000 (2000-05-16)<br>* the whole document *                    | 1,2                              |                                         |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |                                  | TECHNICAL FIELDS SEARCHED (IPC)         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          |                                  | A63H                                    |
| Place of search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                          | Date of completion of the search | Examiner                                |
| Munich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                          | 27 August 2015                   | Turmo, Robert                           |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                                                                                                          |                                  |                                         |

EPO FORM 1503 03.82 (P04C01)

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

EP 15 15 9684

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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  
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| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---------------------|----------------------------|---------------------|
| US 5919078 A                              | 06-07-1999          | AU 704256 B3               | 15-04-1999          |
|                                           |                     | DE 29814696 U1             | 17-12-1998          |
|                                           |                     | FR 2767713 A3              | 05-03-1999          |
|                                           |                     | US 5919078 A               | 06-07-1999          |
| CA 2224622 A1                             | 11-06-1999          | NONE                       |                     |
| GB 2314785 A                              | 14-01-1998          | NONE                       |                     |
| JP 2000135186 A                           | 16-05-2000          | NONE                       |                     |

EPO FORM P0459

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