



(11)

EP 3 964 621 A3

(12)

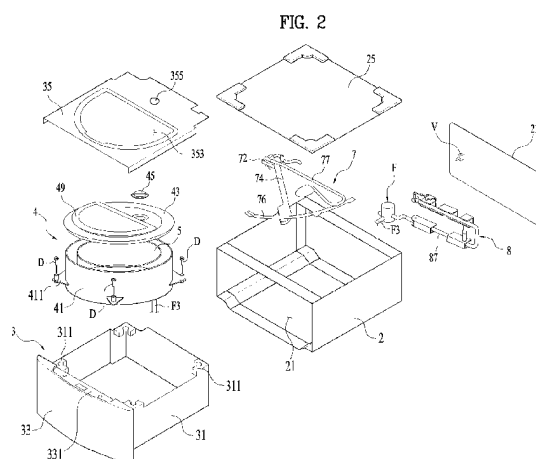
EUROPEAN PATENT APPLICATION

- (88) Date of publication A3: **20.04.2022 Bulletin 2022/16**
- (43) Date of publication A2: **09.03.2022 Bulletin 2022/10**
- (21) Application number: **21192982.3**
- (22) Date of filing: **01.06.2015**
- (51) International Patent Classification (IPC):
D06F 23/04 ^(2006.01) **D06F 39/08** ^(2006.01)
D06F 39/12 ^(2006.01) **D06F 29/00** ^(2006.01)
- (52) Cooperative Patent Classification (CPC):
D06F 23/04; D06F 39/083; D06F 39/088;
D06F 39/12; D06F 29/00

- | | |
|--|---|
| <p>(84) Designated Contracting States:
 AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
 GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
 PL PT RO RS SE SI SK SM TR</p> | <p>(71) Applicant: LG Electronics Inc.
 Yeongdeungpo-gu
 Seoul 150-721 (KR)</p> |
| <p>(30) Priority: 30.05.2014 KR 20140065891
 19.05.2015 KR 20150069662</p> | <p>(72) Inventors:
 • LEE, Jihong
 Seoul (KR)
 • KIM, Wooseong
 Seoul (KR)</p> |
| <p>(62) Document number(s) of the earlier application(s) in
 accordance with Art. 76 EPC:
 16189597.4 / 3 141 654
 15170117.4 / 2 949 808</p> | <p>(74) Representative: Vossius & Partner
 Patentanwälte Rechtsanwälte mbB
 Siebertstraße 3
 81675 München (DE)</p> |

(54) **LAUNDRY TREATMENT APPARATUS**

(57) The invention provides a laundry treatment apparatus comprising: a cabinet (2); a drawer (3) configured to be extracted from and retracted into the cabinet (2), and comprising a drawer body (31) having an open upper surface and drawer cover (35) provided on the open upper surface of the drawer body (31); a tub (4) provided in the drawer body (31) and configured to receive water; a water discharge pipe guider (8) provided between a rear panel (23) of the cabinet (2) and a rear surface (31) of the drawer (3), disposed at an upper portion of the rear panel (23) of the cabinet (2), and a cabinet side water supply guider (7) disposed on an upper portion of the rear panel (23) of the cabinet (2) so as to be adjacent to the water discharge pipe guider (8), and rotatably provided with respect to the rear panel (23) of the cabinet (2); and a water supply pipe (77) configured to connect a water supply source and a water supply opening (355) formed at the drawer cover (35) through the upper portion of the rear panel (23) of the cabinet (2), and to supply water from the water supply source to the tub (4), wherein the water discharge pipe guider (8) supports a portion of the water discharge pipe (87) and the cabinet side water supply guider (7) supports a portion of the water supply pipe (77).





EUROPEAN SEARCH REPORT

Application Number

EP 21 19 2982

5

10

15

20

25

30

35

40

45

50

55

2

EPO FORM 1503 03.82 (P04C01)

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, P	EP 2 857 569 A1 (LG ELECTRONICS INC [KR]) 8 April 2015 (2015-04-08) * paragraph [0029] - paragraph [0109]; figures 9, 10 *	1-30	INV. D06F23/04 D06F39/08 D06F39/12
A	WO 2010/131883 A2 (LG ELECTRONICS INC [KR]; KIM SUNG RYONG [KR]; KIM DONG WON [KR]) 18 November 2010 (2010-11-18) * paragraph [0056] - paragraph [0116] *	1-30	ADD. D06F29/00
A	WO 2008/069607 A2 (LG ELECTRONICS INC [KR]; JEONG SEONG HAE [KR]; JO SEONG JIN [KR]) 12 June 2008 (2008-06-12) * paragraph [0070] - paragraph [0072]; figure 7 *	1-30	
A	EP 2 700 743 A2 (LG ELECTRONICS INC [KR]) 26 February 2014 (2014-02-26) * paragraph [0137] - paragraph [0151]; figures 13, 14 *	1-30	
X	US 2011/265524 A1 (KIM SUNGRYONG [KR] ET AL) 3 November 2011 (2011-11-03) * paragraph [0052] - paragraph [0131]; figures 1-12 *	1-22, 24, 26 23, 25, 27-30	TECHNICAL FIELDS SEARCHED (IPC) D06F
A	WO 2012/150539 A2 (INDESIT CO SPA [IT]; GIGLIONI CRISTIANA [IT]; GASPARINI ALBERTO [IT];) 8 November 2012 (2012-11-08) * figures 7, 9 *	1-30	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 March 2022	Examiner Weinberg, Ekkehard
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			

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

EP 21 19 2982

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.

10-03-2022

10

15

20

25

30

35

40

45

50

55

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 2857569	A1	08-04-2015	CN	104420122 A		18-03-2015
			EP	2857569 A1		08-04-2015
			KR	20150025083 A		10-03-2015
			US	2015059418 A1		05-03-2015

WO 2010131883	A2	18-11-2010	CN	102292494 A		21-12-2011
			EP	2430227 A2		21-03-2012
			KR	20100121859 A		19-11-2010
			US	2011298338 A1		08-12-2011
			WO	2010131883 A2		18-11-2010

WO 2008069607	A2	12-06-2008	AU	2007328625 A1		12-06-2008
			CA	2671219 A1		12-06-2008
			EP	2118358 A2		18-11-2009
			EP	3133201 A1		22-02-2017
			EP	3133202 A1		22-02-2017
			EP	3135800 A1		01-03-2017
			EP	3135801 A1		01-03-2017
			ES	2603220 T3		24-02-2017
			PL	2118358 T3		31-03-2017
			US	2010307200 A1		09-12-2010
			WO	2008069607 A2		12-06-2008

EP 2700743	A2	26-02-2014	CN	104321481 A		28-01-2015
			EP	2700743 A2		26-02-2014
			US	2014053612 A1		27-02-2014
			WO	2014030961 A1		27-02-2014

US 2011265524	A1	03-11-2011	CN	102844486 A		26-12-2012
			DE	112011101522 T5		29-05-2013
			US	2011265524 A1		03-11-2011
			US	2016369443 A1		22-12-2016
			US	2019112743 A1		18-04-2019
			WO	2011136609 A2		03-11-2011

WO 2012150539	A2	08-11-2012	EP	2705187 A2		12-03-2014
			EP	2949801 A1		02-12-2015
			WO	2012150539 A2		08-11-2012
