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(54) **A home appliance door connection**

(57) A home appliance of the present invention comprises a door being able to close a chamber of the home appliance; a lower panel (A), which comprises a channel (K), and a back wall (K1) extending upwards from a side of the channel (K) away from the door; and a spring (Y) which is placed in the channel (K), which comprises a hook (Y1), whose end having the hook (Y1) is engaged to said back wall (K1), whose other end is connected with the door; a groove (1) which is located in the back wall (K1) through which the hook (Y1) is passed; a hole (2) through which a hook end (Y2) is passed by moving away the channel after the hook (Y1) is passed through the groove (1); a side wall (K2) which extends from the back side of the back wall (K1) along the back wall (K1); a support element (3) whose edges are positioned at the back wall (K1) and the side wall (K2); a horizontal support rib (4) at the back side of the back wall (K1); a vertical support rib (5) which extends at the back side of the back wall to the outside being parallel to the side wall in both sides of the hole (2).

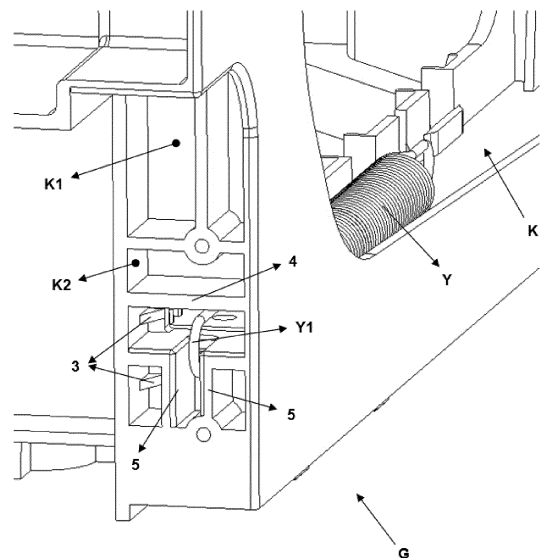


Figure 7



EUROPEAN SEARCH REPORT

Application Number
EP 13 15 4701

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	EP 2 362 044 A2 (BSH BOSCH SIEMENS HAUSGERÄTE [DE]) 31 August 2011 (2011-08-31) * column 4, line 19 - line 52; figures 3,6 *	1-6	INV. E05D5/00 E05D9/00 E05F1/12 F24C15/02
A	US 4 001 973 A (RICE FRANK L ET AL) 11 January 1977 (1977-01-11) * abstract; figure 4 *	1-6	
A	US 2 823 663 A (ATEN RALPH W ET AL) 18 February 1958 (1958-02-18) * figure 3 *	1-6	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05F F24C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 18 August 2014	Examiner Berote, Marc
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82