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(71) Applicant: **BSH Hausgeräte GmbH**
81739 München (DE)

(72) Inventors:
- **Liang, Lizhu**
  239000 Chuzhou (CN)
- **Lu, Songtao**
  239016 Chuzhou (CN)
- **Lu, Zhishan**
  239016 Chuzhou (CN)
- **Wang, Qiao**
  239016 Chuzhou (CN)

(54) Refrigeration appliance with two doors

(57) Disclosed is a refrigeration appliance. The refrigeration appliance (1) includes a main body (2), having a storage chamber (201) with a front opening (3); a first door (4) and a second door (5), the first door (4) and the second door (5) each including a first end (41,51) fixed to an opposite side of the front opening (3) and a second end (42, 52) opposite to the first end (41, 51); and a beam (6), pivotally connected to the second end (42) of the first door (4) and capable of being rotated between a retraction position and an extending position around a rotation axis (X), wherein when the first door (4) is closed, the first door (4) is located at the extending position; and when the first door (4) is opened, the beam (6) is capable of being rotated from the extending position to the retraction position. According to the present invention, the refrigeration appliance includes a locking unit (20) for locking the beam (6) at the retraction position when the first door (6) is in an open state.

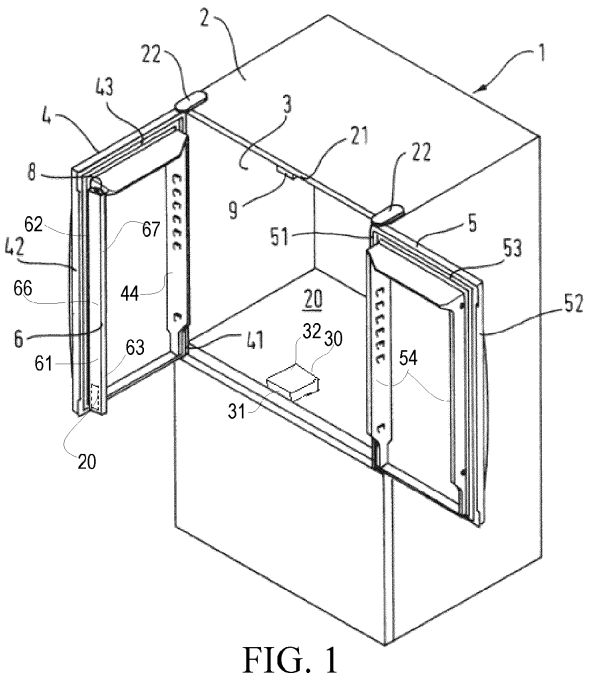


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 13 19 7937

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	CN 201 589 488 U (HISENSE RONSHEN GD REFRIG CO) 22 September 2010 (2010-09-22) * abstract * * figures 1a-1c,4a,4b,5a,5b *	1-16	INV. F25D23/02
X	US 5 411 328 A (YOU HYUN S [KR]) 2 May 1995 (1995-05-02) * abstract * * figures 2-4,5A-5D *	1-16	
X A	WO 2009/109878 A1 (INDESIT CO SPA [IT]; CAPPELLETTI DOMENICO [IT]) 11 September 2009 (2009-09-11) * abstract * * figures 2-10 *	1-3,5, 10,11, 13-16 4,6-9,12	
X	WO 2006/090959 A1 (LG ELECTRONICS INC [KR]; OH JOON HWAN [KR]; KIM SEONG JAE [KR]; WOO KI) 31 August 2006 (2006-08-31) * abstract * * figures 6-12,13A-D,14A-D,15A-D *	1-4,10, 11,13,14	
			TECHNICAL FIELDS SEARCHED (IPC)
X	US 2009/273264 A1 (BUTLER JAMES CHRISTOPHER [US]) 5 November 2009 (2009-11-05) * paragraph [0019] * * paragraph [0022] - paragraph [0023] * * claim 1 * * figures 1-7 *	1-11,13, 14	F25D E05B E05C
X	CN 102 425 908 A (HEFEI MIDEA & ROYALSTAR FRIDGE; HEFEI HUALING CO LTD) 25 April 2012 (2012-04-25) * abstract * * figures 1-5 *	1-16	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	28 June 2017	Correia dos Reis, I

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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28-06-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 201589488 U	22-09-2010	NONE	
US 5411328 A	02-05-1995	JP 2531403 Y2	02-04-1997
		JP H0646282 U	24-06-1994
		KR 970004291 Y1	08-05-1997
		US 5411328 A	02-05-1995
WO 2009109878 A1	11-09-2009	EP 2247903 A1	10-11-2010
		EP 2672209 A1	11-12-2013
		IT TO20080027 U1	06-09-2009
		WO 2009109878 A1	11-09-2009
WO 2006090959 A1	31-08-2006	EP 1856465 A1	21-11-2007
		KR 20060095419 A	31-08-2006
		WO 2006090959 A1	31-08-2006
US 2009273264 A1	05-11-2009	NONE	
CN 102425908 A	25-04-2012	NONE	

EPO FORM P0459

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