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(54) **Freezer island**

(57) The present invention relates to a freezer island (20) for a grocery store comprising a frame structure (30) surrounding at least one open or openable product space (23) for frozen food products. The product space (23) of the freezer island (20) comprises a shelf part (21) comprising shelves (27) and a chest part (22) below the shelf part (21) for the frozen products.

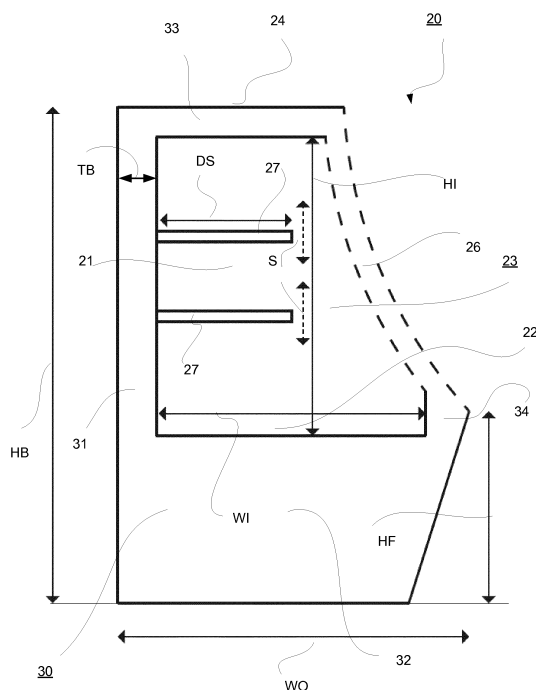


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 14 18 9016

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	US 4 135 369 A (ALLGEYER DAVID F ET AL) 23 January 1979 (1979-01-23) * column 2, line 51 - column 5, line 60; figures 1-2 *	1-8	INV. A47F3/04
X	US 6 560 842 B1 (KUSEL RICHARD D [US] ET AL) 13 May 2003 (2003-05-13) * column 2, line 34 - column 4, line 56; figures 1-8 *	1-5,8	
X	US 4 949 554 A (BRANZ MICHAEL A [US] ET AL) 21 August 1990 (1990-08-21) * column 1, line 1 - column 11, line 64 *	1-5,8	
X	US 2 610 479 A (IWASHITA GEORGE K) 16 September 1952 (1952-09-16) * figures 1,2 *	1-3,5,7	
X	US 2010/313588 A1 (SWOFFORD TIMOTHY DEAN [US] ET AL) 16 December 2010 (2010-12-16) * paragraph [0003] - paragraph [0056]; figures 1-9 *	1-3,7,8	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47F
The present search report has been drawn up for all claims			

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Place of search	Date of completion of the search	Examiner
The Hague	13 July 2015	Kohler, Pierre
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.**

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13-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4135369 A	23-01-1979	NONE	
US 6560842 B1	13-05-2003	NONE	
US 4949554 A	21-08-1990	NONE	
US 2610479 A	16-09-1952	NONE	
US 2010313588 A1	16-12-2010	CA 2675458 A1 US 2010313588 A1	10-12-2010 16-12-2010