

(11) Publication number: 0 505 171 A3

## (12)

## **EUROPEAN PATENT APPLICATION**

(21) Application number: 92302346.9

(51) Int. CI.<sup>5</sup>: **F25D 21/14,** F25D 25/00

(22) Date of filing: 18.03.92

(30) Priority: 19.03.91 NZ 237482

(43) Date of publication of application : 23.09.92 Bulletin 92/39

Designated Contracting States:
 AT BE CH DE DK ES FR GB GR IT LI LU MC NL
PT SE

88 Date of deferred publication of search report : 13.01.93 Bulletin 93/02

(1) Applicant: FISHER & PAYKEL LIMITED 78 Springs Road East Tamaki, Auckland (NZ)

(72) Inventor: Yeoh, Swee Hock 26 Jersey Avenue Mt. Albert, Auckland 3 (NZ) Inventor: McMullen, Andrew Malcolm

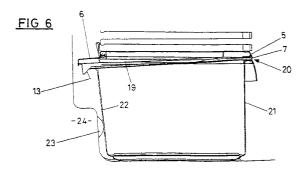
61 Second Avenue Kingsland, Auckland (NZ) Inventor: Deans, Joseph 53 Tainui Road

Devonport, Auckland (NZ)

(14) Representative: Brown, John David et al FORRESTER & BOEHMERT Franz-Joseph-Strasse 38 W-8000 München 40 (DE)

## (54) Improvements in or relating to a condensate collector.

The invention relates to a condensate collector comprising a lid (1) having a downwardly facing portion (4) which is positioned over a vegetable bin 2 in a refrigerator (24). The downwardly facing portion (4) has a plurality of spaced apart, drainable elongate channels or grooves (9). Condensate formed as a result of fruit/vegetables in the vegetable bin (2) respiring collects in the channels or grooves (9) and tends to be drawn towards the upwardly disposed bases (10) thereof as a result of water tension. The ability of the condensate to collect in the grooves (9) is reliant on the dimensions and spacings of the grooves (9,). The lid (1) is provided on a slight angle towards the rear of the refrigerator (24) so that condensate can drain to a baffle (13) and evaporate therefrom. A combination of the lid (1) and vegetable/fruit bin (2) is also claimed as is a method of collecting condensate using the condensate collector.





## **EUROPEAN SEARCH REPORT**

Application Number

EP 92 30 2346

Category	Citation of document with in of relevant part	dication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	US-A-2 755 158 (DAV	IDSON)	1,2, 12-15	F25D21/14 F25D25/00
A	_		16	, , , , , , , , , , , , , , , , , , , ,
Y	DE-B-1 006 441 (BRO	WN,BOVERI)	1,2, 12-15	
A	* column 1, line 54 - column 2, line 27 * 16 * column 3, line 8 - line 11; figure 5 *		* 16	
A	US-A-2 267 486 (WES	T)	1,2, 12-14,16	
	* the whole documen	t *		
A	US-A-2 377 941 (IWA * page 1, right coll left column, line 1	umn, line 5 – page 2,	1,6	
A	US-A-2 275 324 (SCO * page 2, right colfigures 1-7 *	TT) umn, line 30 - line 6	4; 1,6	TECHNICAL FIELDS
A	US-A-4 949 847 (NAG	ATA)		SEARCHED (Int. Cl.5)
A	US-A-2 750 759 (HAR	LE)		1230
A	US-A-2 670 611 (FAG	ERBERG)		
A	US-A-3 108 455 (HAN	SON)	;	
	The present search report has b	een drawn up for all claims		
	Place of search THE HAGUE	Date of completion of the search 10 NOVEMBER 1992		Examiner BOETS A.F.J.
X : par Y : par doc	CATEGORY OF CITED DOCUMER ticularly relevant if taken alone ticularly relevant if combined with and ument of the same category	E : earlier pater	inciple underlying the at document, but publing date ted in the application ted for other reasons	ished on, or
A:tec	ument of the same category hnological background n-written disclosure	***************************************		