



(19)

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 874 203 A3

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
29.11.2000 Bulletin 2000/48

(51) Int Cl.⁷: **F25C 5/18**, E05D 11/10

(43) Date of publication A2:
28.10.1998 Bulletin 1998/44

(21) Application number: **98301765.8**

(22) Date of filing: **10.03.1998**

(84) Designated Contracting States:
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**
Designated Extension States:
AL IT LV MK RO SI

(30) Priority: 22.04.1997 US 837790

(71) Applicant: **Manitowoc Foodservice Group, Inc.**
Sparks, Nevada 89431 (US)

(72) Inventors:

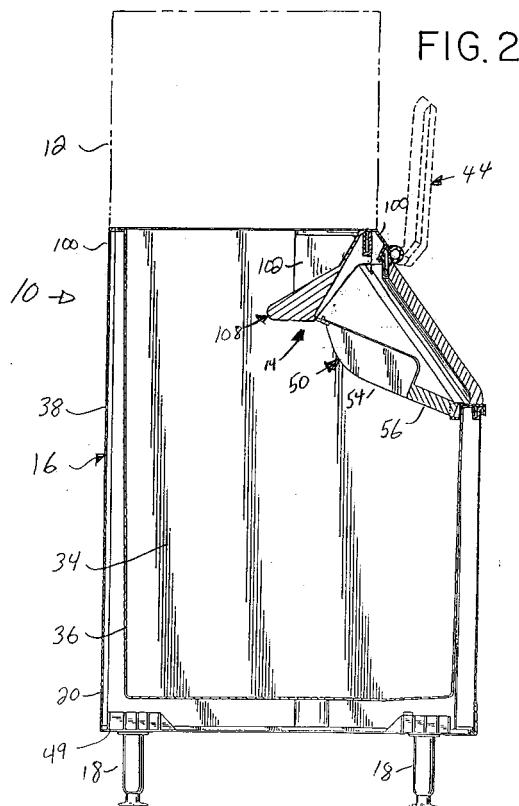
- **Baumann, James R.**
Manitowoc, Wisconsin 54220 (US)

- Ebelt, Brian A.
Manitowoc, Wisconsin 54220 (US)
- Miller, Richard T.
Manitowoc, Wisconsin 54220 (US)

(74) Representative: **Bayliss, Geoffrey Cyril et al**
BOULT WADE TENNANT,
Verulam Gardens
70 Gray's Inn Road
London WC1X 8BT (GB)

(54) Ice bin assembly

(57) An ice bin assembly (16) for use with an ice making apparatus (12). The ice bin (16) includes an ice storage cavity (34) and an ice access opening (40). A door (44) is attached to the ice bin (16) over the ice access opening (40). A pin (122) is attached to one of the ice bin (16) and the door (44). The pin (122) has a cavity (158) opening onto an outer surface thereof. A resilient material (160) is disposed within a cavity therein in order to bias a locking element (156) outward therefrom. A channel member (134) is attached to the other of the ice bin (16) and the door (44). The channel member (134) receives the pin (122) and has a first aperture (170) sized to receive the locking element (156).





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 1765

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	US 5 211 030 A (JAMESON WILLIAM M) 18 May 1993 (1993-05-18)	1,32	F25C5/18 E05D11/10
A	* abstract; figures 1-3 * * column 2, line 54 - line 61 * ---	44	
Y	CH 327 206 A (OTHMAR BINZEGGER ZUG) 31 January 1958 (1958-01-31)	1,32	
A	* figures 1-5 * * page 1, line 28 - line 63 * ---	5	
A	FR 2 660 008 A (PEZIN JACQUES) 27 September 1991 (1991-09-27) * abstract; figures 1-4 * * page 5, line 5 - page 7, line 11 * ---	4	
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 492 (M-1673), 14 September 1994 (1994-09-14) -& JP 06 159916 A (MITSUBISHI ELECTRIC CORP), 7 June 1994 (1994-06-07) * abstract * -----	44	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Place of search		Date of completion of the search	Examiner
THE HAGUE		5 October 2000	Yousufi, S
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 98 30 1765

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.

05-10-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5211030 A	18-05-1993	NONE	
CH 327206 A	31-01-1958	NONE	
FR 2660008 A	27-09-1991	NONE	
JP 06159916 A	07-06-1994	NONE	