

12

EUROPEAN PATENT APPLICATION

21 Application number: 83100208.4

22 Date of filing: 12.01.83

51 Int. Cl.⁴: **A 47 G 19/18**
B 67 D 5/02, B 67 D 1/02
B 67 D 1/10

30 Priority: 04.02.82 US 345776

43 Date of publication of application:
 17.08.83 Bulletin 83/33

88 Date of deferred publication of search report: 23.01.85

84 Designated Contracting States:
 DE FR GB IT NL SE

71 Applicant: **Food-Cone Corporation**
Oak Grove
Clackamas Oregon 97015(US)

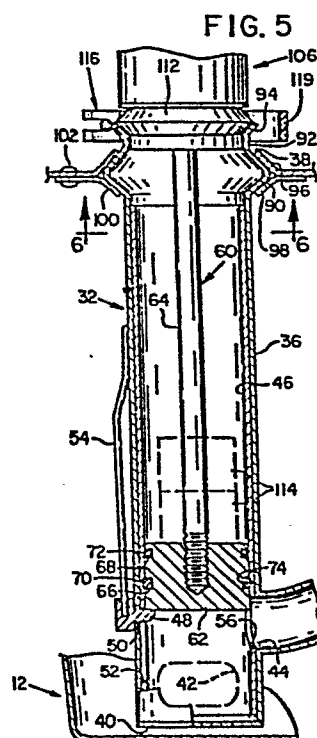
72 Inventor: **Frank, Dennis Benjamin**
3708 S.E. Oldcrest
Milwaukee, Oregon 97222(US)

72 Inventor: **O'Mealy, Todd Calef**
5140 N.E. 42
Portland, Oregon 97222(US)

74 Representative: **Lehn, Werner, Dipl.-Ing. et al,**
Hoffmann, Eitle & Partner Patentanwälte Arabellastrasse
4 (Sternhaus)
D-8000 München 81(DE)

54 Dispenser for semi-liquid foods such as chili.

57 A dispenser for viscous liquid or semi-liquid materials comprising a container (12) for the material and an upright hollow stationary cylinder (36) within the container (12) operatively closed at its bottom end (46), an intake opening (42) in the side of the cylinder (36) disposed upwardly from but adjacent said bottom end (40) and an elevated discharge opening (44) in the side of the cylinder (36) disposed upwardly from said intake opening (42), a sleeve (46) slideably mounted within the cylinder (36) having a lowered position and a raised position and constructed in said lowered position to close off the intake opening (42) and open up the elevated discharge opening (44) and in said raised position to open said intake opening (42) and to close off said elevated discharge opening (44), a vertically reciprocable piston and rod assembly (60) including a piston (62) disposed within the cylinder (36) shiftable between lowered and raised positions disposed above said elevated discharge opening (44), and friction means (70, 72) interposed between the assembly (60) and sleeve (46) for producing movement of the sleeve (46) between its lowered and raised positions with shifting of the piston (62) between lowered and raised positions.





European Patent
Office

EUROPEAN SEARCH REPORT

0085835

Application number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 83100208.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 7)
X	DE - C - 832 323 (BESSELMANN) * Totality *	1, 2, 5, 7, 9	A 47 G 19/18 B 67 D 5/02 B 67 D 1/02 B 67 D 1/10
A	US - A - 2 739 739 (STEELE) * Fig. 3 *	3	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 7)
			B 67 D A 47 G
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 31-10-1984	Examiner TRATTNER
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			