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(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR Designated Extension States: AL LT LV MK RO SI	(72) Inventors: - Gavazzi, Stefano 24123 Bergamo (IT) - Personeni, Silvano 24030 Mazzoleni, Bergamo (IT)
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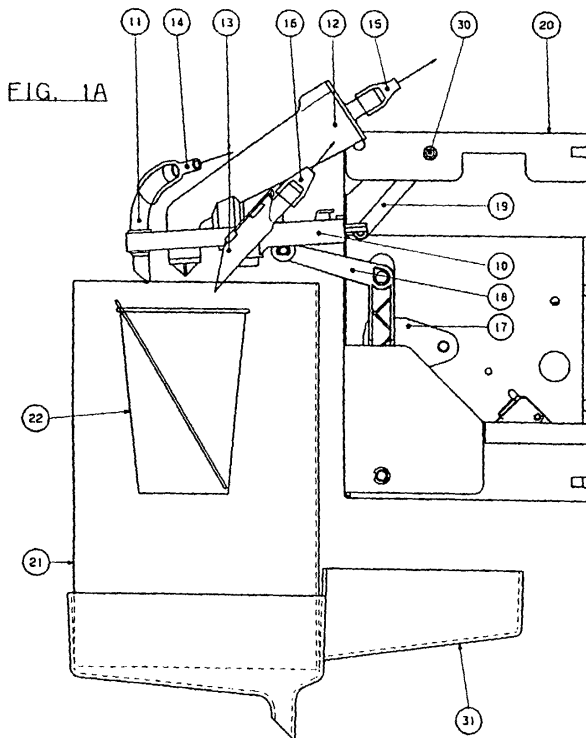
(54)

Automatic beverage vending apparatus with improved arrangement for displacing the dispensing spouts

(57)

Automatic beverage vending apparatus comprising a plurality of beverage dispensing spouts (11-13) attached to a spout-carrying plate (10) that is actuated to displace with respect to the dispensing compartment (21) by motor-driven actuating means (17-18, 23).

The spout-carrying plate (10) is further connected to the inner structure of the vending apparatus (20) by means of coupling means (19, 30) that are adapted to guide the displacement of the plate upwards and towards the rear portion of the dispensing compartment.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 00 12 4973

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 3 622 047 A (OBERLI RUDOLF) 23 November 1971 (1971-11-23) * column 1, line 1 - line 2 * * column 1, line 45 * * column 1, line 50 - line 52 * * column 1, line 71 - line 74 * * figure 1 *	1-3	G07F13/10 G07F13/06
A	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12, 25 December 1997 (1997-12-25) & JP 9 216695 A (SANYO ELECTRIC CO LTD), 19 August 1997 (1997-08-19) * abstract * * figures 1,2,4-6,12 *	1	
A	----- US 5 881 913 A (BOULTER ROGER PHILLIP) 16 March 1999 (1999-03-16) * column 1, line 10 - line 12 * * column 5, line 2 - line 5 * * figure 12 *	1	
A	----- GB 774 118 A (ALBERT JAMES FINDLAY) 8 May 1957 (1957-05-08) * page 1, line 9 * * page 6, line 110 - line 122 * * page 7, line 7 - line 10 * * figure 1 * * figure 24 *	1,3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7) B67D A47J G07F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 November 2004	Examiner Diepstraten, M
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			

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

EP 00 12 4973

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
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03-11-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3622047	A	23-11-1971	CH 513078 A	30-09-1971
			DE 2041683 A1	11-03-1971
			FR 2059700 A1	04-06-1971
			GB 1292533 A	11-10-1972
			SE 366225 B	22-04-1974
JP 9216695	A	19-08-1997	NONE	
US 5881913	A	16-03-1999	US 5911884 A	15-06-1999
GB 774118	A	08-05-1957	NONE	