

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets

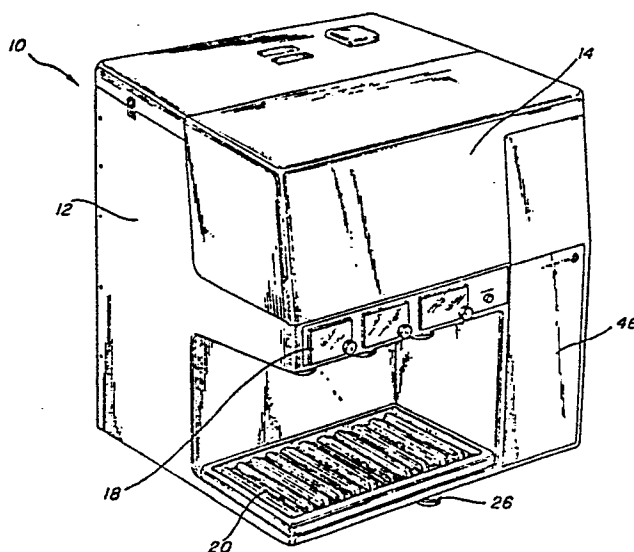
(11) Publication number:

**0 190 811
A3**

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **86200372.0**(51) Int. Cl.4: **B67D 1/00 , B67D 1/08**(22) Date of filing: **29.07.82**(30) Priority: **12.11.81 US 320476**
12.11.81 US 320478(43) Date of publication of application:
13.08.86 Bulletin 86/33(60) Publication number of the earlier application in
accordance with Art.76 EPC: **0 080 253**(94) Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE(96) Date of deferred publication of the search report:
19.08.87 Bulletin 87/34(71) Applicant: **The Coca-Cola Company**
310 North Avenue
Atlanta Georgia 30313(US)(72) Inventor: **Sedam, Jason K.**
1258 Mill Glen Drive
Dunwoody Georgia(US)
Inventor: **Mueller, Richard J.**
6155 Old Hickory Point
Atlanta Georgia(US)
Inventor: **Holoubek, Andrew J.**
1401 N. Hairston Road
Stone Mountain Georgia(US)(74) Representative: **Leale, Robin George**
FRANK B. DEHN & CO. Imperial House 15-19
Kingsway
London WC2B 6UZ(GB)(54) **Post-mix beverage dispenser.**

(57) A lightweight, portable post-mix carbonated beverage dispenser unit for use in small offices or small-volume locations is described. Flavoured syrup is supplied to the unit from disposable sealed syrup packages SP which are plugged into a dispenser valving system. CO₂ is supplied to the unit carbonator system CT in returnable containers 42 which also may be quickly plugged into a CO₂ valving system 44. A thermoelectric refrigeration system 72 may be provided to decrease noise and the number of moving parts or a mechanical freon system may be used. The unit construction may be modular for ease of repair. The cabinet is injection-molded from plastic. Water is supplied to the unit for mixing with the CO₂ and syrup from a water reservoir WR which may be manually filled. The refrigeration system cools the water in the reservoir, as well as the syrup packages and carbonator tank.

**FIG 1****EP 0 190 811 A3**



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.4)
D, P Y	US-A-4 357 284 (SEDAM) * Figure 1; column 3, lines 11-42 * ---	1-3	B 67 D 1/00 B 67 D 1/08
D, Y	GB-A-2 033 333 (SEDAM) * Figure 1; page 3, lines 97-117 * ---	1-3	
Y	US-A-2 750 076 (WELTY) * Figure 1 * ---	3	
A	US-A-4 121 507 (KÜCKENS) ---		
A	US-A-4 008 832 (RODTH) ---		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	US-A-3 685 694 (IANELLI) ---		B 67 D
A	EP-A-0 027 880 (FÄRBER) ----- -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-05-1987	Examiner DEUTSCH J.P.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	

