

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 November 2001 (15.11.2001)

PCT

(10) International Publication Number
WO 01/84993 A1

(51) International Patent Classification⁷: **A47J 31/40**

(21) International Application Number: PCT/EP01/04315

(22) International Filing Date: 13 April 2001 (13.04.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
00110102.1 9 May 2000 (09.05.2000) EP

(71) Applicant (for all designated States except US): **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOLLEP, Alexandre** [CH/CH]; Chemin des Chênes 25, CH-1095 Lutry

(CH). **YOAKIM, Alfred** [FR/CH]; Chemin de la Routiaz 2, CH-1806 St-Legier-la-Chiesaz (CH). **CAHEN, Antoine** [CH/CH]; Les Ateliers du Nord, Place du Nord 2, CH-1005 Lausanne (CH).

(74) Agent: **THOMAS, Alain**; Avenue Nestlé 55, CH-1800 Vevey (CH).

(81) Designated States (*national*): AE, AU, BR, CA, CN, CZ, HU, ID, IL, JP, MA, MX, NO, PL, SG, SI, SK, TR, UA, US, ZA.

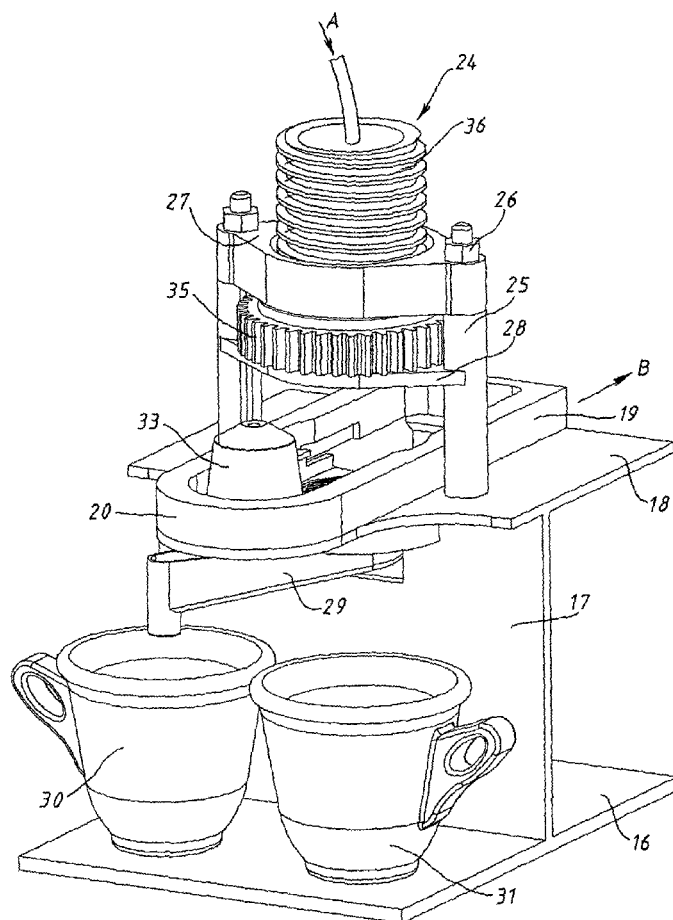
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: DEVICE FOR EXTRACTING A SUBSTANCE



(57) Abstract: The present invention relates to a device for extracting a substance for the preparation of a drink from a cartridge, comprising: a frame with a base (16), a vertical part (17) on the said base and a horizontal part (18) situated at a certain distance from the base; a moveable drawer (19) able to slide over the horizontal part of the frame (18) in order to move the cartridge (33) from its insertion position to a drink-preparing position over a system of elements (21) for the discharge of the said drink on the said horizontal part (18); and a cartridge extraction system (24) situated over the system of drink discharge elements (21) and able to move towards the said system of elements (21) to trap and extract the cartridge (33).

WO 01/84993 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.