

(19) World Intellectual Property Organization

International Bureau

(43) International publication date

10 May 2002 (10.05.2002)



(10) International publication number

WO 02/35977 A1

PCT

(51) International patent classification⁷: A47J 31/40

(21) International application number: PCT/EP01/11486

(22) International filing date: 4 October 2001 (04.10.2001)

(25) Language of filing: French

(26) Language of publication: French

(30) Data relating to the priority:
00203855.2 3 November 2000 (03.11.2000) EP

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(81) Designated states (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB,



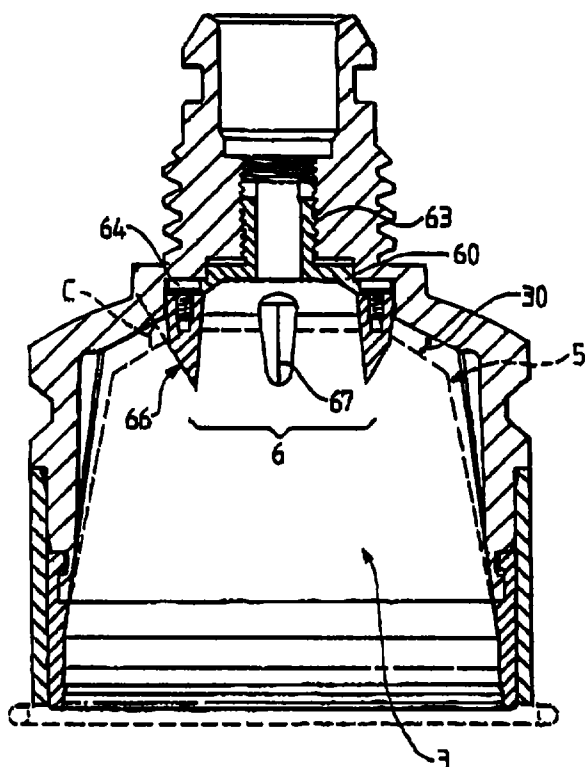
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As printed

(54) Title: DEVICE FOR IMPROVING EXTRACTION OF A FOOD SUBSTANCE CONTAINED IN A REFILL ELEMENT

(54) Titre : DISPOSITIF ET METHODE POUR AMELIORER L'EXTRACTION D'UNE SUBSTANCE ALIMENTAIRE CONTENUE DANS UN ELEMENT DE RECHARGE



(57) Abstract: The invention concerns a device for retrieving (1) a food substance contained in a closed refill element (5), said device comprising a hollow body (2) provided with a housing for receiving the refill element, a water supply channel passing through said body and communicating in the housing, a plurality of perforating elements (6) arranged inside the housing for perforating the refill element in several different places to allow the water to pass through the refill element. The invention is characterised in that the perforating elements (6) are spaced apart in the housing relative to the water supply direction into the housing and each perforating element comprises (i) a base portion (65) integral with the body projecting into the housing; said base portion being designed to be engaged at least partly inside the refill element; and (ii) a cut-out surface (66) which intersects the base portion at an acute angle.

(57) Abrégé : L'invention se rapporte à un dispositif pour l'extraction (1) d'une substance alimentaire contenue dans un élément de recharge (5) fermé, ledit dispositif comprenant un corps creux (2) muni d'un logement pour recevoir l'élément de recharge, un canal d'arrivée d'eau traversant ledit corps et communiquant dans le logement, une pluralité d'éléments de perçage (6) disposés dans le logement pour percer l'élément de recharge en plusieurs endroits distincts afin de permettre le passage de l'eau dans l'élément de recharge,

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GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(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), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations according to Rule 4.17:

- *as regards the entitlement of the applicant to file and to obtain a patent (Rule 4.17.ii)) for the following Contracting States AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,*

TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, 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), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- *as regards the entitlement of the applicant to claim the priority of an earlier application (Rule 4.17.iii)) for the following Contracting State US*
- *Declaration by the inventor (Rule 4.17.iv)) for US only*

Published:

- *With the International Search Report*

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

caractérisé en ce que les éléments de perçage (6) sont espacés dans le logement par rapport à la direction d'arrivée d'eau dans le logement et en ce que, chaque élément de perçage comprend (i) une portion de base (65) solidaire du corps faisant saillie dans le logement ; ladite portion de base étant destinée à s'engager au moins partiellement à l'intérieur de l'élément de recharge et (ii) une surface de découpe (66) qui intersecte la portion de base selon un angle aigu.