

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
26 August 2021 (26.08.2021)



(10) International Publication Number
WO 2021/165727 A1

- (51) **International Patent Classification:**
B65D 85/804 (2006.01) *A47J 31/02* (2006.01)
- (21) **International Application Number:**
PCT/IB2020/054013
- (22) **International Filing Date:**
29 April 2020 (29.04.2020)
- (25) **Filing Language:** Dutch
- (26) **Publication Language:** English
- (30) **Priority Data:**
2020/5104 18 February 2020 (18.02.2020) BE
- (71) **Applicant: KOFFIE F. ROMBOUTS, NAAMLOZE VENNOOTSCHAP** [BE/BE]; Antwerpsesteenweg 136, 2630 Aartselaar (BE).
- (72) **Inventor: ROMBOUTS, Xavier;** Bonaventurestraat 114 bus 10, 1090 Jette (BE).
- (74) **Agent: VAN VARENBERG, Patrick et al.;** Arenbergstraat 13, 2000 Antwerpen (BE).
- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.
- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH,

(54) **Title:** FILTER FOR PREPARING COFFEE OR INFUSION

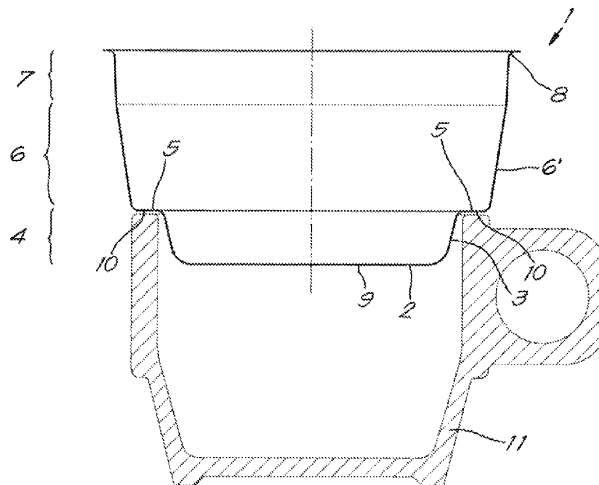


Fig. 1

(57) **Abstract:** Filter (1) for preparing coffee or an infusion for single use, of the type that comprises a tub (6) for pouring a liquid over, usually water, and whereby, when considered in use position, a compartment (4) is provided at the bottom of the tub (6) which is partly delimited by means of water-permeable layers and in which coffee or herbs are provided, whereby the tub (6) is made of an essentially cylindrical or conical jacket (6'), the lower edge of which is provided with an inwardly oriented supporting edge (5) which transitions into a cylindrical compartment (4) with perforated base, whereby the inwardly oriented supporting edge (5) serves as a supporting edge for the filter (1) when said filter is placed on a cup (11), characterised in that at least the outside surface of the supporting edge on the outside is provided with a microroughness Ra between 10 and 200 μm

[Continued on next page]

GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

Published:

- *with international search report (Art. 21(3))*