

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 August 2006 (03.08.2006)

PCT

(10) International Publication Number
WO 2006/080030 A1

(51) International Patent Classification:

D06F 23/04 (2006.01) D06F 37/12 (2006.01)

(21) International Application Number:

PCT/IN2006/000021

(22) International Filing Date: 23 January 2006 (23.01.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

58/CHE/2005 25 January 2005 (25.01.2005) IN

(71) Applicants and

(72) Inventors: VIJAYAN, Thirumalai [IN/IN]; 19, 1 Street, Parthasarathy Nagar, Adambakkam, Chennai 600088 (IN). APARNA, Thirumalai [IN/IN]; 19, 1 Street, Parthasarathy Nagar, Adambakkam, Chennai 600088 (IN). ANANDVISHNU, Thirumalai [IN/IN]; 19, 1 Street, Parthasarathy Nagar, Adambakkam, Chennai 600088 (IN).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

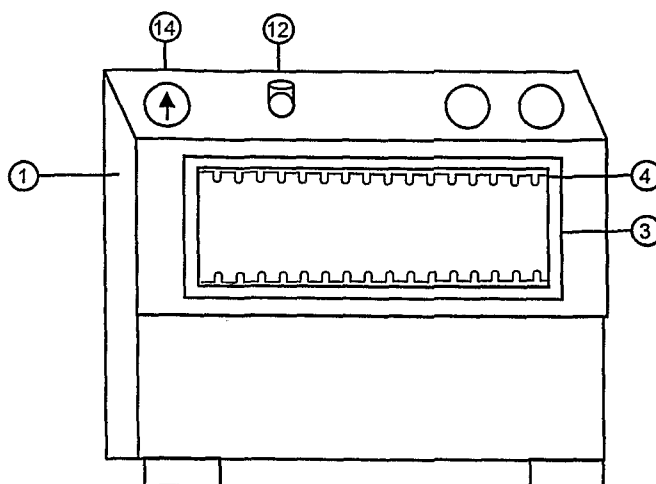
— of inventorship (Rule 4.17(iv))

Published:

— with international search report

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.

(54) Title: A SPREAD FABRIC WASHING MACHINE



(57) Abstract: This comprises an outer shell with a water tub (1) with a top transparent lid (2). Inside is a rotating perforated rectangular fabric drum (3). Drum top edge has a rectangular frame (4) with slots (5) on longer sides for fabric rods (6) with the spread clothes. Drum has a cross rod (7) with a joint and a bolt (8) above the frame. Drum bottom has a drive shaft (9) fitted in a seal (10) of tub floor and run by gear of belts by a motor (11). Lid is opened. The fabrics hung on rods, rods on frame slots, drum cross rod (7) clipped and lid is closed. Water filled to mark. Motor started, rotating drum (3) with clothes in one or back way, till washed. Motor stopped, water drained, motor set for higher spin and stopped after dry. Fabrics are removed after opening lid and clip. Controls (14) with timers, heaters, and sensors controls the wash.