



- (51) **International Patent Classification:**
A46B 3/04 (2006.01) *A46D 1/00* (2006.01)
- (21) **International Application Number:**
PCT/MY2015/050017
- (22) **International Filing Date:**
24 March 2015 (24.03.2015)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
PI2014700697 24 March 2014 (24.03.2014) MY
- (72) **Inventor; and**
- (71) **Applicant : FOOK YUEN, Lee** [MY/MY]; Mytech & Assembly Sdn Bhd, Plo 160, Jalan Cyber 2, Kawasan Perindustrian Senai 111, Senai, 81400 Johor (MY).
- (74) **Agent: CHOON HONG, Lok;** Pintas IP Group Sdn Bhd, No. 19, Jalan SS 1/36, Petaling Jaya, 47300 Selangor (MY).
- (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, 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).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(54) **Title:** A PROCESS FOR PRODUCING AN OVERMOLDED BRUSH STRIP

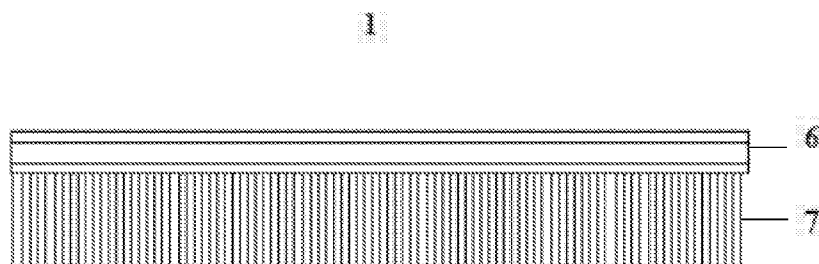


Figure 1

(57) **Abstract:** A process for producing a brush strip (1), comprises the steps of arranging a plurality of aligned monofilament fibers (2) transversely in a sinusoidal configuration to form a body portion (3) with fibers arranged in parallel and two looped ends (4a, 4b); applying at least one row of stitching (5) across the body portion (3) towards one end, wherein the stitching (5) is such as loop around groups of fibers to divide the body portion (3) into separate bundles; overmolding the stitched end of the bundles with a thermoplastic polymeric material (6); and trimming the non-overmolded end of the body portion (3) to create tufts of bristles (7).

