



(51) International Patent Classification:

A61K 8/31 (2006.01) *A61K 8/91* (2006.01)
A61Q 9/02 (2006.01) *A61K 8/02* (2006.01)
A61K 8/86 (2006.01) *B26B 21/44* (2006.01)

(21) International Application Number:

PCT/US2015/064410

(22) International Filing Date:

8 December 2015 (08.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/093,732 18 December 2014 (18.12.2014) US

(71) Applicant: **THE GILLETTE COMPANY** [US/US];
 World Shaving Headquarters, IP/Legal Patent Department
 - 3E, One Gillette Park, Boston, Massachusetts 02127
 (US).

(72) Inventors: **MOLONEY, Michael, John**; One Gillette
 Park, Boston, Massachusetts 02127 (US). **HAINES,**
Christopher; One Gillette Park, Boston, Massachusetts
 02127 (US). **STEPHENS, Alison, Fiona**; Whitehall Lane,
 Egham Surrey TW20 9NW (GB). **BRADFORD, Valerie,**
Jean; One Gillette Park, Boston, Massachusetts 02127
 (US). **SEROUT, Adrien, Loic**; Temselaan 100, 1853
 Strombeek-Bever (BE).

(74) Agent: **KREBS, Jay A.**; c/o THE PROCTER & GAMBLE
 COMPANY, Global Patent Services, One Procter &
 Gamble Plaza, C8-229, Cincinnati, Ohio 45202 (US).

(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))

(54) Title: LUBRICATING MEMBERS HAVING HYDROPHOBIC COMPONENTS FOR RAZOR CARTRIDGES

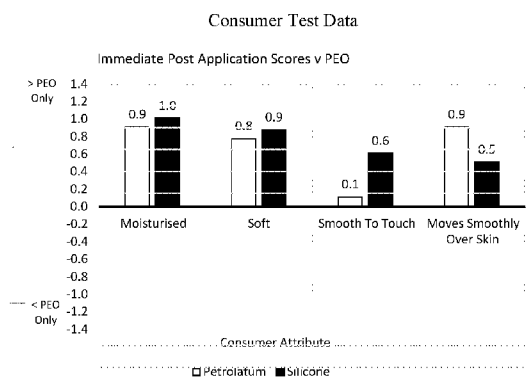


Fig 1

(57) Abstract: The invention relates to a solid compressed lubricating member for a razor cartridge comprising from 10% to 90% by weight of a particulate material comprising water soluble polymer and from 12% to 40% by weight of a hydrophobic compound or mixtures thereof; wherein at least a portion of said water soluble polymer particulate is spray coated with said hydrophobic compound and methods of manufacture thereof.