

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2020/125922 A1

(43) International Publication Date
25 June 2020 (25.06.2020)

(51) International Patent Classification:

C11D 3/00 (2006.01) C11B 9/00 (2006.01)
C11D 3/50 (2006.01)

(21) International Application Number:

PCT/EP2018/085158

(22) International Filing Date:

17 December 2018 (17.12.2018)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant: GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, 1214 Vernier (CH).

(72) Inventor: FERRY, Aurelie; 6 rue des Vergers, 95570 Bouffémont (FR).

(74) Agent: GLOBAL PATENTS; Givaudan International SA, Kemptpark 50, 8310 Kemptthal (CH).

(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, 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: A METHOD OF COUNTERING MALODOUR IN A WASHING MACHINE COMPRISING THE ADDITION OF A FRAGRANCE PRECURSOR

(57) Abstract: A method of countering malodour in a washing machine at the end of a wash cycle, comprising the addition thereto of a fragrance precursor. The fragrance precursor may be added alone in solution, or as part of a fabric softener/conditioner. The precursor is particularly ethyl (Z)-2-acetyl-4-methyltridec-2-enoate; ethyl N,S-bis(4-oxo-4-(2,6,6-trimethylcyclohex-3-en-1-yl)butan-2-yl)cysteinate; 4-(dodecylthio)-4-methylpentan-2-one; 1-butoxy-3-((1E,4Z)-hepta-1,4-dien-1-yl)benzene; 2-ethoxy-4-((1E,4Z)-hepta-1,4-dien-1-yl)phenol; and mixtures thereof. The use of precursor in this manner provides a washing machine that is free from malodour for a prolonged period.



WO 2020/125922 A1