

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 August 2021 (05.08.2021)



(10) International Publication Number
WO 2021/151748 A1

- (51) **International Patent Classification:**
B01J 13/14 (2006.01) *C11D 3/50* (2006.01)
- (21) **International Application Number:**
PCT/EP2021/051139
- (22) **International Filing Date:**
20 January 2021 (20.01.2021)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
2001226.6 29 January 2020 (29.01.2020) GB
- (71) **Applicant:** GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, 1214 Vernier (CH).
- (72) **Inventors:** BOCOKIC, Vladica; 11 Rue Girouix, 92500 Rueil-Malmaison (FR). RIFLADE, Benoit; La Ronde 1, 33430 Bazas (FR).
- (74) **Agent:** GLOBAL PATENTS; Givaudan SA, Grafenaustrasse 7, 6300 Zug (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, IT, 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.

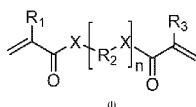
(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, 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))

WO 2021/151748 A1

(54) **Title:** PROCESS



(57) **Abstract:** A method of covalently bonding a modifier to a polymeric microcapsule wall, which wall comprises entities capable of reaction with acrylic moieties, comprising the provision on the wall of a linking compound to which the modifier is subsequently attached, the linking compound having the Formula (I), in which $n = 1$ to 30 ; R_1 , R_2 and R_3 are independently selected from the following moieties: R_1 and R_3 are H and Me; and X is selected from O and NH; and R_2 is selected from CH_2 , $CH_2CH(OH)CH_2$, and CH_2CH_2 . Microcapsules thus modified exhibit enhanced substantivity to substrates such as textiles when used in laundry preparations.