

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
11 May 2023 (11.05.2023)



(10) International Publication Number
WO 2023/078907 A1

- (51) **International Patent Classification:**
G16C 20/30 (2019.01) *G16C 20/90* (2019.01)
- (21) **International Application Number:**
PCT/EP2022/080520
- (22) **International Filing Date:**
02 November 2022 (02.11.2022)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
21206042.0 02 November 2021 (02.11.2021) EP
- (71) **Applicant:** **FIRMENICH SA** [CH/CH]; 7, rue de la Bergère, 1242 Satigny (CH).
- (72) **Inventors:** **VUILLEUMIER, Christine**; Firmenich SA, 7, Rue de la Bergère, 1242 Satigny (CH). **BILLARD DE SAINT LAUMER, Jean-Yves**; Firmenich SA, 7, Rue de la Bergère, 1242 Satigny (CH). **GODIN, Guillaume**; Firmenich SA, 7, Rue de la Bergère, 1242 Satigny (CH).
- (74) **Agent:** **DUREISSEIX, Valérie**; 7, Rue de la Bergère, 1242 Satigny (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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, 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, CV, 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, ME, 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).

(54) **Title:** VOLATILE LIQUID CHEMICAL COMPOUND PHYSICAL PARAMETER DATABASE CONSTRUCTION METHOD AND FRAGRANCE COMPOSITON EVAPORATION PREDICTION METHOD

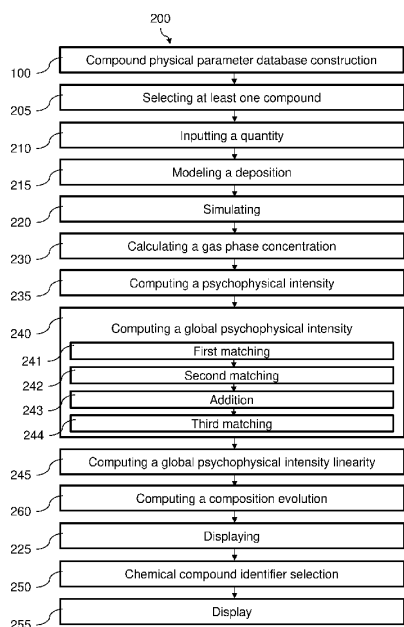


Figure 3

(57) **Abstract:** The invention relates to a volatile liquid chemical compound physical parameter database construction method; a fragrance physical composition evaporation prediction method and corresponding systems.

WO 2023/078907 A1

[Continued on next page]

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*