



- (51) **International Patent Classification:**
G06Q 40/08 (2012.01) *G06Q 10/04* (2012.01)
- (21) **International Application Number:**
PCT/EP2021/053378
- (22) **International Filing Date:**
11 February 2021 (11.02.2021)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
PCT/EP2020/057477
18 March 2020 (18.03.2020) EP
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- (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.

(54) **Title:** SYSTEM FOR FAST COMPOSING, LAUNCH AND CONFIGURATION OF CUSTOMIZABLE SECOND-TIER TRANSFER STRUCTURES WITH BUILD-IN AUDITING AND MONITORING STRUCTURES AND METHOD THEREOF

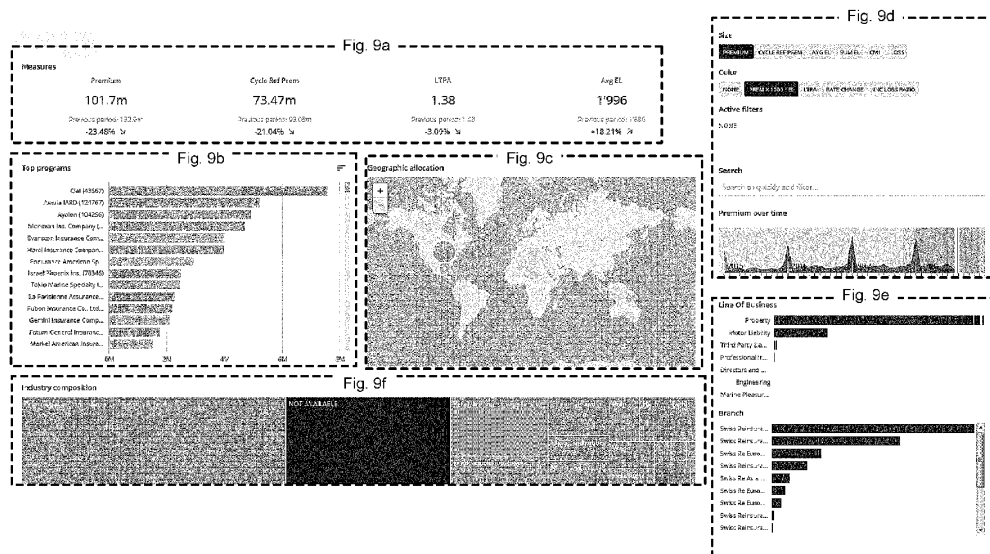


Fig. 9

(57) **Abstract:** Proposed is a digital platform (1) providing an automated, multi-channel, end-to-end risk-transfer product configuration process (2) for configuring, launching and processing of customized reinsurance risk-transfer structures, wherein an automated risk-transfer product placement is provided by the system (1) as a first online channel comprising a parameter-driven, rule-based underwriting process (21) for creating a portfolio of customized second-tier structures, wherein an automated claim handling (22) is provided by the system (1) as a second online channel, and wherein an automated accounting (23) is provided by the system (1) as a third online channel. For capturing of risk information parameters (2144), a product configurator (214) comprises a machine-based exposure data intelligence (215) enabled to automatically identify unique risks of objects (12) based on a precise location of the objects (12). The

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(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))

system (1) further comprises a graphical user interface of a portfolio analytics framework (6) providing a dynamic representation (61) of a portfolio structure (14). By means of the metric simulation engine (10), the dynamic representation of the portfolio structure (14) provides forward- and backward-looking insights to the user thereby enabling portfolio steering by identification of critical areas of the portfolio (14) and impacts of possible changes to the underwriting before going to launch it in the market.