



(51) International Patent Classification:

G06F 8/36 (2018.01) G06N 20/10 (2019.01)
G06F 40/30 (2020.01) G06Q 10/10 (2023.01)
G06N 3/0475 (2023.01) G06Q 30/01 (2023.01)
G06N 3/088 (2023.01) G06Q 40/06 (2012.01)
G06N 5/02 (2023.01) G06Q 40/12 (2023.01)

(21) International Application Number:

PCT/IB2025/056122

(22) International Filing Date:

16 June 2025 (16.06.2025)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202402832S 12 September 2024 (12.09.2024) SG

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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, 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,

(54) Title: TECHNICAL FRAMEWORK FOR CONSTRUCTING CUSTOMIZED SOFTWARE APPLICATIONS

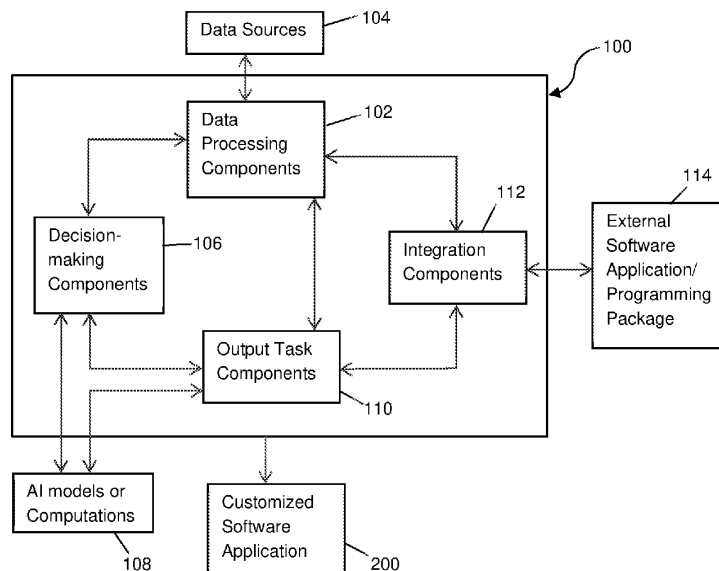


FIG. 1

(57) Abstract: A technical framework for constructing customized software applications, each customised software application configured to perform a specific role within an organization, the technical framework comprising: configurable data processing components for extracting and ingesting relevant information from data obtained from at least one data source; configurable decision-making components that use at least one of a plurality of AI models or computations for generating a determination from the relevant information; configurable output task components that use at least one of a plurality of AI models or computations for generating an output task for execution according to the determination; and configurable integration components that use an external application for executing the output task; wherein the technical framework has a modular architecture provided for: configuring the data processing components, the decision-making components, the output task components, and the integration components; and assembling a set of the configured

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MA, MD, MG, MK, MN, MU, 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, UY, 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, SC, 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).

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*

components to form the customized software application.