



(51) International Patent Classification:
Not classified

(21) International Application Number:
PCT/SG2023/050575

(22) International Filing Date:
18 August 2023 (18.08.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10202250761F 18 August 2022 (18.08.2022) 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,

(54) Title: METHOD AND SYSTEM FOR ESTIMATING A FAILURE PROBABILITY ASSOCIATED WITH OBJECTS

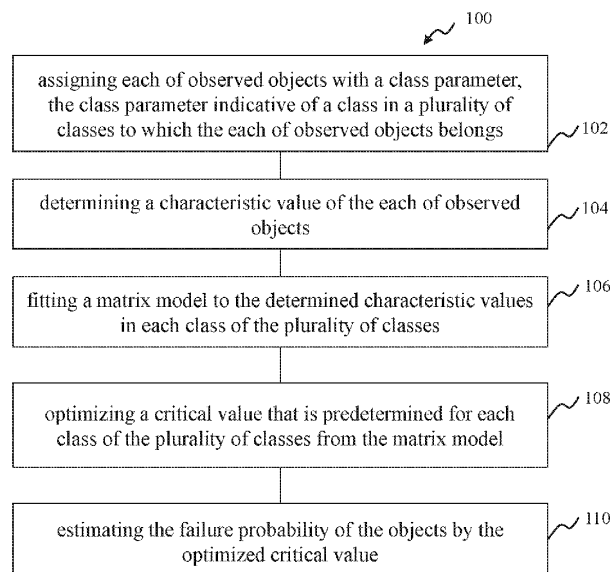


FIG. 1

(57) Abstract: Aspects concern a method for estimating a failure probability associated with objects. The method comprises: assigning each of observed objects with a class parameter, the class parameter indicative of a class in a plurality of classes to which the each of observed objects belongs; determining a characteristic value of the each of observed objects; fitting a matrix model to the determined characteristic values in each class of the plurality of classes; optimizing a critical value that is predetermined for each class of the plurality of classes from the matrix model; and estimating the failure probability of the objects by the optimized critical value.

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KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
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, 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:

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