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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, 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.
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(54) **Title:** METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MODELLING AND GOVERNANCE FOR TRANSITIVE PRIVILEGED ACCESS

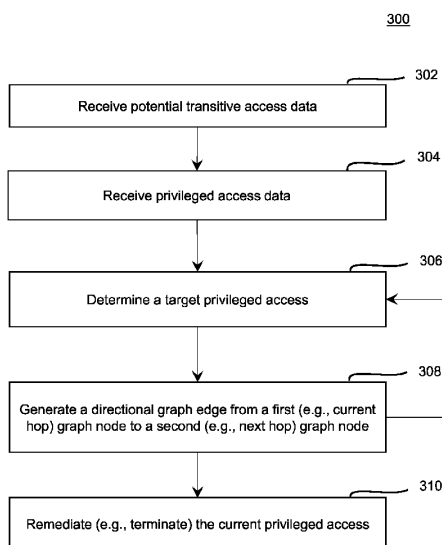


FIG. 3

(57) **Abstract:** Methods, systems, and computer program products for modelling and governance for transitive privileged access are provided. A method may include receiving potential transitive access data associated with at least one potential transitive access path, receiving privileged access data associated with a plurality of privileged accesses including a current privileged access, and determining a first target privileged access based on the current privileged access, the potential transitive access data, and the privileged access data. The method may also include generating a first directional graph edge from a first graph node associated with the current privileged access to a second graph node associated with the first target privileged access, the first directional graph edge representing a first transitive access path from the first graph node to the second graph node. The method may also include terminating the current privileged access based on the first transitive access path.

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