



(51) International Patent Classification:

G06F 21/56 (2013.01) G06N 3/0442 (2023.01)
G06N 3/0455 (2023.01) G06N 3/08 (2006.01)

(21) International Application Number:

PCT/US2024/036445

(22) International Filing Date:

01 July 2024 (01.07.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/511,746 03 July 2023 (03.07.2023) US

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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,

(54) Title: MALICIOUS CODE INJECTION DETECTOR

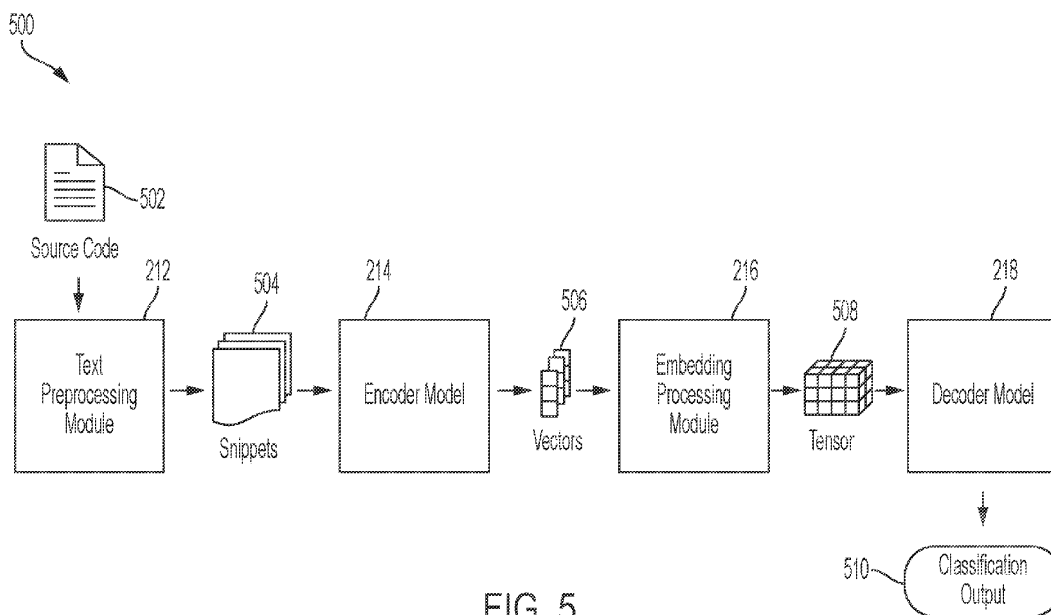


FIG. 5

(57) Abstract: The present disclosure provides various systems, methods, and devices for detecting a feature interest in source code. For example, in various aspects, computer-implemented method is provided. The computer-implemented method can include receiving a candidate source code and segmenting the candidate source code into snippets. The computer-implemented method can further include transforming, by an encoder model, the snippets to vectors. Each of the vectors may correspond to a different one of the snippets. The computer-implemented method can further include generating a tensor based on the vectors and applying the tensor to a decoder model. The computer-implemented method can further include determining, by the decoder model, a probability of a feature of interest being in the candidate source code. In one aspect, the feature of interest may include a malicious code injection.

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:

— with international search report (Art. 21(3))