

【ABSTRACT】

A system and method for generating a virtual asset wallet address blacklist database based on a graph attention network (GAT) are disclosed. A GAT AI engine server is configured to train a GAT-based AI model using an index of a full node for each virtual asset
5 pre-stored in an index database server, common transaction item information pre-stored in a virtual asset transaction analysis database server, and a main blacklist consisting of high-risk virtual asset wallet addresses pre-stored in a main blacklist server, to calculate GAT scores based on the trained AI model, to estimate high-risk virtual asset wallet addresses using the calculated GAT scores, and to generate a GAT blacklist consisting of the estimated high-risk
10 virtual asset wallet addresses; and a GAT blacklist database server is configured to store the GAT blacklists generated by the GAT AI engine server.

FIG. 2