

Apparatus And Method For Preventing Theft of Algorithms From VPN Software During Use and/or Storage

Abstract

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Apparatus and method for preventing algorithm theft from Virtual Private Network (VPN) Software during algorithm use and/or storage, wherein the apparatus comprises: a processor configured to execute instructions in a memory to operate the apparatus to: during the operation of a VPN Software at the apparatus, process one or more software components of the VPN Software classified as trusted such that the one or more trusted software components are hosted and run by one or more enclaves in a Trusted Execution Environment (TEE), and process one or more software components of the VPN Software classified as untrusted such that the one or more untrusted software components run outside of the one or more enclaves in the TEE, wherein the one or more trusted software components includes one or more software components of an algorithm to be run by the VPN Software for data protection.

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Fig. 4