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(54) **ENCRYPTION GATEWAY SERVICE**

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See application file for complete search history.

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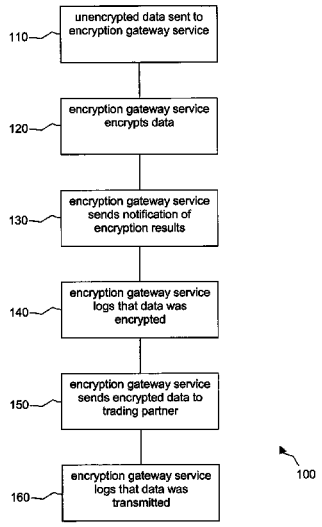
(57) **ABSTRACT**

An encryption management system of an enterprise is provided. The system includes an encryption/decryption component operable for enterprise messages to be secured by receiving and encrypting the messages received from enterprise applications. The encryption/decryption component further decrypts messages received from enterprise partners that are encrypted. The system includes an identity management component to manage access to the encryption management system, and a key management component to manage keys used by the encryption/decryption component. The system includes a notification component that initiates sending messages regarding events occurring in the encryption management system through communication with an enterprise messaging system. The system also includes a logging/auditing component to log events occurring in the encryption management system.

15 Claims, 3 Drawing Sheets