

[ABSTRACT]

A file encrypting apparatus includes: an encryption key acquiring unit that acquires one or more encryption keys determined for respective ones of one or more users permitted to access an electronic file; a file encrypting unit that encrypts the electronic file; a supplementary information encrypting unit that encrypts, by using the one or more encryption keys, supplementary information including a file decryption key required for decryption of the encrypted electronic file; and an output unit that outputs the encrypted supplementary information in association with the encrypted electronic file.