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(54) Title (EN): LOCK SYSTEM USING FIDO AUTHENTICATION

(54) Title (FR): SYSTÈME DE VERROUILLAGE UTILISANT UNE AUTHENTIFICATION FIDO

(54) Title (KO): FIDO 인증을 이용한 락 시스템

(57) Abstract:

(EN): Disclosed is a lock system of a device using FIDO authentication, the lock system comprising: an input terminal into which a biometric FIDO authentication system, registered with a cloud-based relying party, is inserted; an agent which, when the biometric FIDO authentication system is inserted in the input terminal and biometric data of a user registered with the relying party therefrom is inputted, receives the authentication message from the biometric FIDO authentication system and attempts a FIDO authentication with the relying party, and, if an authentication response is received, then generates a lock release signal; and an operational control unit which, when the lock release signal is received, releases the lock to allow operation of the device.

(FR): L'invention concerne un système de verrouillage d'un dispositif utilisant une authentification FIDO, le système de verrouillage comprenant : un terminal d'entrée dans lequel un système d'authentification FIDO biométrique, enregistré auprès d'une partie utilisatrice en nuage, est inséré ; un agent qui, lorsque le système d'authentification FIDO biométrique est inséré dans le terminal d'entrée et des données biométriques d'un utilisateur enregistré auprès de sa partie utilisatrice sont entrées, reçoit le message d'authentification provenant du système d'authentification FIDO biométrique et tente une authentification FIDO avec la partie utilisatrice, et, si une réponse d'authentification est reçue, génère ensuite un signal de libération de verrouillage ; et une unité de commande fonctionnelle qui, lorsque le signal de libération de verrouillage est reçu, libère le verrou pour permettre le fonctionnement du dispositif.

(KO): FIDO 인증을 이용한 기기의 락(Lock) 시스템으로서, 클라우드 상의 릴라이팅 파티에 등록된 생체인식 FIDO 인증장치가 삽입되는 입력단자와, 상기 생체인식 FIDO 인증장치가 상기 입력단자에 삽입되고, 상기 생체인식 FIDO 인증장치에 상기 릴라이팅 파티에 등록된 사용자의 생체정보가 입력되면, 상기 생체인식 FIDO 인증장치로부터 인증메시지를 받아 상기 릴라이팅 파티에 FIDO 인증을 도전하고, 인증응답을 받으면, 락 해제신호를 생성하는 에이전트와, 상기 락 해제신호를 받으면, 상기 기기의 작동이 가능하도록 락을 해제하는 작동제어부를 포함하여 이루어짐을 특징으로 한다. [대표도] 도 1

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