

SYSTEMS AND METHODS FOR BIOMETRIC IDENTIFICATION

ABSTRACT

A biometric authentication system implementing a registration phase comprising: assigning a registered biometric device's identification information to a registered user; and storing, on a remote computer system, initial biometric data captured by the registered device, wherein the initial biometric data is stored on the registered device and on the remote system; and an access granting phase comprising receiving biometric device identification information from the registered device; determining that the received biometric device identification information matches the registered device's identification information assigned to the registered user; in response to determining that the received device identification information matches the registered device's identification information assigned to the registered user, instructing the registered device to re-capture the registered user's biometric data; comparing the re-captured biometric data of the registered user to the initial biometric data stored on the registered device; and based on the comparing, granting the registered user access to a resource.

Fig. 1A