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(57) Abstract :

This invention relates to a Biometric authentication apparatus and in particular, this invention relates to a Biometric authentication apparatus wherein hand biometrics applied to images acquired from a mobile device. This invention also relates to a Biometric authentication apparatus which can identifying individuals based on features extracted from hand pictures obtained with a low-quality camera embedded on a mobile device. Furthermore, this invention also relates to a Biometric authentication apparatus wherein since the authentication is performed through a combination of biometric information and context information that are acquired, reliability and security of the authentication can be heightened.

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