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Patent Search

Invention Title	METHOD AND SYSTEM FOR EVALUATING SECURITY LEVEL OF FINGERPRINT AS AUTHENTICATION PARAMETER
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Abstract:

The present subject matter provides a method and system (200) for evaluating a security level associated with a fingerprint as an authentication param method as executed by the system (200) comprises extracting features of a finger-print as received from a user. Based on said extracted features, one numerical-parameters are generated. A class of said one or more numerical parameters is determined in accordance with at least one pre-determined c Further, said finger-print thus received is evaluated for use as an authentication means based on said determined class.

Complete Specification

, Description:

FIELD OF THE INVENTION:

The present invention relates to security-systems and in particular relates to finger-print enabled authentication systems.

BACKGROUND OF THE INVENTION:

Security level assessment techniques have long been used and considered extremely useful for authentication techniques based on provision of passw graphical pattern, PIN (personal identification number), etc as user-identifiers. Likewise, finger-print based authentication mechanisms have also seen significant-acceptance worldwide. Yet, like passwords and PINs, fingerprints are equally prone to be hacked. Some users are more prone to hacking be their fingerprint has a higher probability of getting resembled with an imposter's finger-print. Overall, different users experience different level of thre imposters in the same representative-population, owing to varying vulnerability of the individual finger-prints.

Various mechanisms exist that attempt to address the aforesaid problem. For example, one solution intermittently disallows access merely based on p fingerprints and occasionally requires additional proof (for example, password, PIN etc) in such scenarios. Accordingly, such systems often usually leav users wondering as to whv fingerprint is not leading to authentication in a uniform manner and usually not allowing a fast access to important

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