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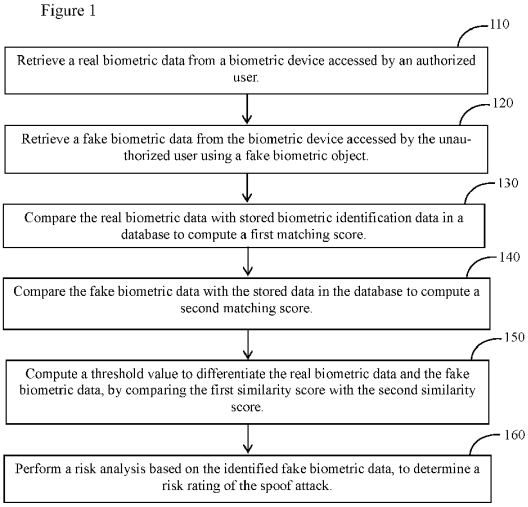
(54) Title: METHOD AND SYSTEM TO DETERMINE RISKS ASSOCIATED WITH SPOOF ATTACKS

Figure 1



(57) Abstract: A system (200) and method to determine a risk associated with a spoof attack comprises: a biometric device (210); and, a computing device (220) installed with an application module (230) comprises: a biometric data acquisition module (231), configured to retrieve a real biometric data and a fake biometric data from the biometric device (210) accessed by a user; a matching score computation module (233), configured to compute a first matching score and a second matching score, by comparing the real biometric data and the fake biometric data against stored data in a database (240); a threshold computation module (234), configured to compute a threshold value for differentiating the real biometric data and the fake biometric data, by comparing the first similarity score with the second similarity score; and a risk analysis module (235), configured to perform a risk analysis associated with the spoof attack based on the identified fake biometric data, for determining a risk rating of the spoof attack.

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