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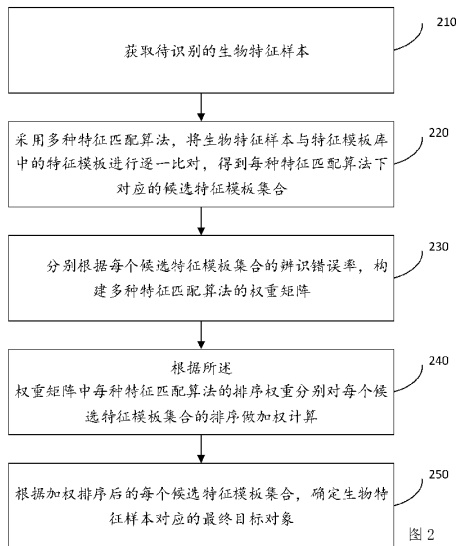
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(54) Title: BIOMETRIC RECOGNITION METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM

(54) 发明名称: 生物特征识别方法、装置、设备和存储介质



210 Acquire biometric samples to be recognized  
220 Compare the biometric samples with feature templates in a feature template library one by one by using multiple types of feature matching algorithms, so as to obtain a corresponding candidate feature template set under each feature matching algorithm  
230 Respectively construct a weight matrix of the multiple types of feature matching algorithms according to an identification error rate of each candidate feature template set  
240 Respectively perform weighted calculation on the sorting of each candidate feature template set according to a sorting weight of each feature matching algorithm in the weight matrix  
250 Determine, according to each candidate feature template set after being subjected to weighted sorting, a final target object corresponding to the biometric sample

图 2

(57) Abstract: Provided in the present application are a biometric recognition method and apparatus, and a device and a storage medium. The method comprises: acquiring biometric samples to be recognized; comparing the biometric samples with feature templates in a feature template library one by one by using multiple types of feature matching algorithms, so as to obtain a corresponding candidate feature template set under each feature matching algorithm; respectively performing weighted calculation on the sorting of each candidate feature template set according to a sorting weight of each feature matching algorithm in a weight matrix; and determining, according to each candidate feature template set after being subjected to weighted sorting, a final target object corresponding to the

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位：自编 01-03 和 08-12 单元）（仅限办公用途），Guangdong 510623 (CN)。

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根据细则 4.17 的声明：

- 关于申请人有权要求在先申请的优先权 (细则 4.17 (iii))

本国际公布：

- 包括国际检索报告 (条约第 21 条 (3))。

biometric sample. In the present application, the reliability of biometric recognition is improved by means of comparison ranking and sorting weights of multiple types of matching algorithms.

(57) 摘要：本申请提供一种生物特征识别方法、装置、设备和存储介质，该方法包括：获取待识别的生物特征样本；采用多种特征匹配算法，将所述生物特征样本与特征模板库中的特征模板进行逐一比对，得到每种所述特征匹配算法下对应的候选特征模板集合；根据权重矩阵中每种所述特征匹配算法的排序权重分别对每个所述候选特征模板集合的排序做加权计算；根据加权排序后的每个所述候选特征模板集合，确定所述生物特征样本对应的最终目标对象。本申请通过多种匹配算法的比对排名和排序权重，提高了生物特征辨识的可靠性。