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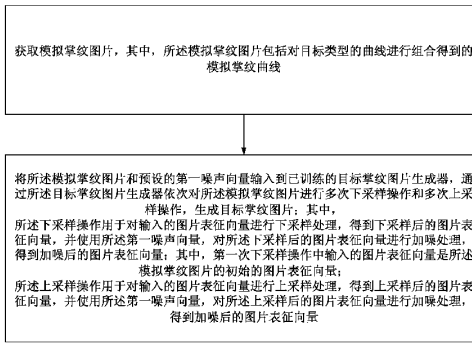
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(54) Title: PALMPRINT PICTURE GENERATION METHOD AND APPARATUS, STORAGE MEDIUM, PROGRAM PRODUCT, AND ELECTRONIC DEVICE

(54) 发明名称: 掌纹图片的生成方法、装置、存储介质、程序产品及电子设备



S12 Acquire a simulated palmprint picture, wherein the simulated palmprint picture comprises a simulated palmprint curve obtained by combining curves of a target type
S14 Input the simulated palmprint picture and a preset first noise vector into a trained target palmprint picture generator, and, by means of the target palmprint picture generator, sequentially perform multiple down-sampling operations and multiple up-sampling operations on the simulated palmprint picture to generate a target palmprint picture, wherein the down-sampling operations are used for down-sampling an input image representation vector to obtain a down-sampled image representation vector, and using the first noise vector to add noise to the down-sampled image representation vector to obtain a noisy image representation vector, wherein the input image representation vector in the first down-sampling operation is an initial image representation vector of the simulated palmprint image, and the up-sampling operations are used for up-sampling the input image representation vector to obtain an up-sampled image representation vector, and using the first noise vector to add noise to the up-sampled image representation vector to obtain a noisy image representation vector

图 3

S14

(57) Abstract: Disclosed in embodiments of the present application are a palmprint picture generation method and apparatus, a storage medium, a program product, and an electronic device. The method comprises: acquiring a simulated palmprint picture, wherein the simulated palmprint picture comprises a simulated palmprint curve obtained by combining curves of a target type; and inputting the simulated palmprint picture and a preset first noise vector into a trained target palmprint picture generator, and, by means of the target palmprint picture generator, sequentially performing multiple down-sampling operations and multiple up-sampling operations on the simulated palmprint picture to generate a target palmprint picture.

(57) 摘要: 本申请各实施例公开了一种掌纹图片的生成方法和装置、存储介质、程序产品及电子设备。其中, 该方法包括: 获取模拟掌纹图片, 其中, 模拟掌纹图片包括对目标类型的曲线进行组合得到的模拟掌纹曲线; 将模拟掌纹图片和预设的第一噪声向量输入到已训练的目标掌纹图片生成器, 通过目标掌纹图片生成器依次对模拟掌纹图片进行多次下采样操作和多次上采样操作, 生成目标掌纹图片。

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