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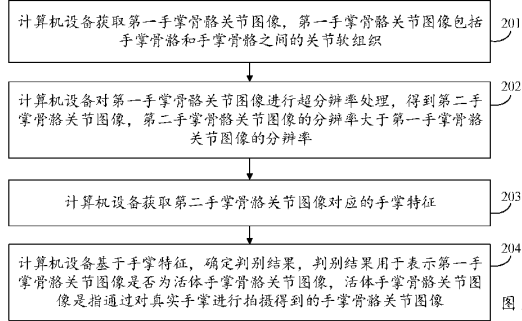
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(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU,

(54) Title: LIVENESS DETECTION METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 活体检测方法、装置、计算机设备及存储介质



- 201 A computer device acquires a first palm bones and joint image, the first palm bones and joint image comprising palm bones and joint soft tissue between the palm bones
- 202 The computer device performs super-resolution processing on the first palm bones and joint image to obtain a second palm bones and joint image, the resolution of the second palm bones and joint image being greater than the resolution of the first palm bones and joint image
- 203 The computer device acquires palm features corresponding to the second palm bones and joint image
- 204 On the basis of the palm features, the computer device determines a discrimination result, the discrimination result being used for representing whether the first palm bones and joint image is a live palm bones and joint image, and the live palm bones and joint image referring to a palm bones and joint image obtained by performing image capture on a real palm

(57) Abstract: A liveness detection method and apparatus, a computer device, and a storage medium, relating to the technical field of computers. The method comprises: acquiring a first palm bones and joint image, the first palm bones and joint image comprising palm bones and joint soft tissue between the palm bones (201); performing super-resolution processing on the first palm bones and joint image to obtain a second palm bones and joint image, the resolution of the second palm bones and joint image being greater than the resolution of the first palm bones and joint image (202); acquiring palm features corresponding to the second palm bones and

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joint image (203); and, on the basis of the palm features, determining a discrimination result, the discrimination result being used for representing whether the first palm bones and joint image is a live palm bones and joint image, and the live palm bones and joint image referring to a palm bones and joint image obtained by performing image capture on a real palm (204).

(57) 摘要: 一种活体检测方法、装置、计算机设备及存储介质, 属于计算机技术领域。该方法包括: 获取第一手掌骨骼关节图像, 第一手掌骨骼关节图像包括手掌骨骼和手掌骨骼之间的关节软组织(201); 对第一手掌骨骼关节图像进行超分辨率处理, 得到第二手掌骨骼关节图像, 第二手掌骨骼关节图像的分辨率大于第一手掌骨骼关节图像的分辨率(202); 获取第二手掌骨骼关节图像对应的手掌特征(203); 基于手掌特征, 确定判别结果, 判别结果用于表示第一手掌骨骼关节图像是否为活体手掌骨骼关节图像, 活体手掌骨骼关节图像是指通过对真实手掌进行拍摄得到的手掌骨骼关节图像(204)。