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- (71) 申请人: 腾讯科技(深圳)有限公司 (TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED) [CN/CN]; 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。
- (72) 发明人: 罗宇辰 (LUO, Yuchen); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。朱俊伟 (ZHU, Junwei); 中国广东省深圳市南山区高新区科技中一路腾讯

大厦 35 层, Guangdong 518057 (CN)。贺珂珂 (HE, Keke); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。储文青 (CHU, Wenqing); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。邵颖 (TAI, Ying); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。汪铖杰 (WANG, Chengjie); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。

- (74) 代理人: 北京派特恩知识产权代理有限公司 (CHINA PAT INTELLECTUAL PROPERTY OFFICE); 中国北京市海淀区海淀南路 21 号中关村知识产权大厦 B 座 2 层, Beijing 100080 (CN)。
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(54) Title: IMAGE PROCESSING METHOD AND APPARATUS, AND COMPUTER DEVICE, STORAGE MEDIUM AND PROGRAM PRODUCT

(54) 发明名称: 图像处理方法、装置、计算机设备、存储介质及程序产品

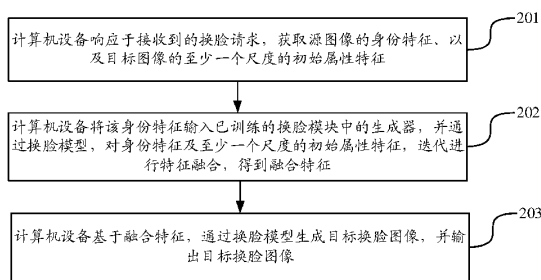


图 2

- 201 In response to a received face swapping request, a computer device acquires an identity feature of a source image and an initial attribute feature of at least one scale of a target image
- 202 The computer device inputs the identity feature into a generator in a trained face swapping module, and iteratively performs feature fusion on the identity feature and the initial attribute feature of the at least one scale by means of a face swapping model, so as to obtain a fused feature
- 203 On the basis of the fused feature, the computer device generates a target face swapped image by means of the face swapping model, and outputs the target face swapped image

(57) Abstract: The present application relates to the technical fields of artificial intelligence, machine learning, intelligent transportation, etc. Provided are an image processing method and apparatus, and a computer device, a storage medium and a program product. The method comprises: in response to a face swapping request, which is used for requesting that a target face in a target image is swapped to a source face in a source image, inputting an identity feature of the source image and an initial attribute feature of at least one scale of the target image into a face swapping model, and iteratively performing feature fusion on the identity feature and the initial attribute feature of the at least one scale by means of the face swapping model, so as to obtain a fused feature; and on the basis of the fused feature, generating a target face swapped image by means of the face swapping model, and outputting the target face swapped image, wherein a face in the target face swapped image fuses the identity feature of the source face and a target attribute feature of the target face.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请提供一种图像处理方法、装置、计算机设备、存储介质及程序产品, 涉及人工智能、机器学习、智慧交通等技术领域。响应于换脸请求, 该换脸请求用于请求将目标图像中的目标脸部换为源图像中的源脸部, 将源图像的身份特征、及目标图像的至少一个尺度的初始属性特征输入换脸模型, 通过换脸模型, 对身份特征及至少一个尺度的初始属性特征, 迭代进行特征融合, 得到融合特征; 基于融合特征, 通过换脸模型生成目标换脸图像, 并输出该目标换脸图像; 其中, 目标换脸图像中的脸部, 融合有源脸部的身份特征和目标脸部的目标属性特征。