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- (71) 申请人: 杭州海康威视数字技术股份有限公司 (HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.) [CN/CN]; 中国浙江省杭州市滨江区阡陌路 555 号, Zhejiang 310051 (CN)。
- (72) 发明人: 张烁(ZHANG, Shuo); 中国浙江省杭州市滨江区阡陌路 555 号, Zhejiang 310051 (CN)。
- (74) 代理人: 北京柏杉松知识产权代理事务所 (普通合伙) (PATENTSINO IP FIRM); 中国北京市朝阳区小营北路 53 号院中源科技大厦 3 号楼 4 层, Beijing 100101 (CN)。
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(54) Title: TRAINING METHOD AND APPARATUS FOR FACE RECOGNITION MODEL, ELECTRONIC DEVICE AND STORAGE MEDIUM

(54) 发明名称: 人脸识别模型的训练方法、装置、电子设备及存储介质

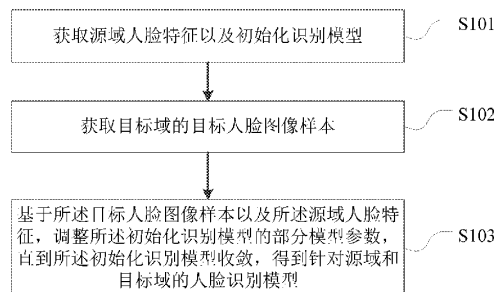


图 1

- S101 Acquire source domain face features and an initialization recognition model
S102 Acquire target face image samples of a target domain
S103 On the basis of the target face image samples and the source domain face features, adjust a portion of model parameters of the initialization recognition model until the initialization recognition model converges so as to obtain a face recognition model for a source domain and target domain

(57) Abstract: Embodiments of the present application provide a training method and apparatus for a face recognition model, an electronic device and a storage medium. The method comprises: acquiring source domain face features and an initialization recognition model; acquiring target face image samples of a target domain; and on the basis of the target face image samples and the source domain face features, adjusting a portion of model parameters of the initialization recognition model until the initialization recognition model converges so as to obtain a face recognition model for a source domain and target domain. Once an initialization model is trained by using the full quantity of face image samples of the source domain, a portion of the source domain face features are stored, and a portion of the parameters of the initialization model are fixed. Further, once the initialization model is further trained by using the target face image samples of the target domain and the source domain face features, a face recognition model for the source domain and the target domain is obtained. Not only is the recognition capabilities of the full quantity of face images of the source domain maintained, but target face images of the target domain may also be accurately recognized, thereby improving the recognition capabilities and accuracy

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of the face recognition model.

(57) 摘要: 本申请实施例提供了一种人脸识别模型的训练方法、装置、电子设备及存储介质, 方法包括:
获取源域人脸特征以及初始化识别模型; 获取目标域的目标人脸图像样本; 基于目标人脸图像样本以
及源域人脸特征, 调整初始化识别模型的部分模型参数, 直到初始化识别模型收敛, 得到针对源域和
目标域的人脸识别模型。初始化模型在使用源域的全量人脸图像样本训练后, 保存部分源域人脸特征,
并固定初始化模型部分参数。进而, 使用目标域的目标人脸图像样本和源域人脸特征对该初始化模型
进行进一步训练后, 得到针对源域和目标域的人脸识别模型。既保持了对源域全量人脸图像的识别能
力, 又可以准确识别目标域的目标人脸图像, 提高了人脸识别模型的识别能力和精度。