

ABSTRACT

A hand image processing method, executed by a hand identification device, and comprising: acquiring a hand image, and performing feature extraction on the hand image to obtain image features of a plurality of sizes (302); fusing said image features to obtain a fused image feature (304); on the basis of the fused image feature, determining a palm bounding box for identifying the palm in the hand image (306); on the basis of the palm bounding box, extracting a palm image from the hand image (308); and performing image encryption on the palm image to obtain palm image encrypted data, wherein the palm image encrypted data is to be transmitted to a server, and the server performs identity identification on the basis of the palm image encrypted data (310).