



METHOD OF REGISTERING ORIGINAL INFORMATION FOR PERSONAL IDENTITY AUTHENTICATION AND PERSONAL IDENTITY AUTHENTICATION DEVICE

ABSTRACT

On registration of a fingerprint image, a fingerprint is taken as the fingerprint image in number of N by a fingerprint image input section (110) to produce first through N -th fingerprint images, where N represents a positive integer which is not less than three. A CPU (120) extracts a feature point from each of the first through the N -th fingerprint images to produce first through N -th feature point data. The CPU (120) compares and n -th feature data with each of remaining feature data to produce levels of similarities as coincidence degrees in each of the first through the N -th feature point data, where n is variable between 1 and N , both of inclusive. The CPU (120) selects a maximum one of the first through the N -th sum data to register, as a reference feature point data therein, one of the first through the N -th feature data that has the maximum sum data.

Fig.4