Method for generating a palm image based on partial images of a palm

ABSTRACT

The invention relates to a method for generating an image of a palm based on a first partial image (i1) of a palm of the individual and on a second partial image (i2) of a palm, comprising:

- a step (100) of detecting first characteristic points in the first image (i1) and second characteristic points in the second image (i2);
- a pairing step (101) generating a plurality of pairs of characteristic points by matching first characteristic points with second characteristic points;
- a step (103) of computing an overall geometric transformation associated with said matching;
- a step (104) of determining a local geometric transformation for each pair of points;
- a step (105) of merging the first image (i1) with the second image (i2) as a function of the overall geometric transformation and of the local geometric transformations, in order to generate the palm image.

Figure 1