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(54) Title: TWO-DIMENSIONAL ARRAY CODE

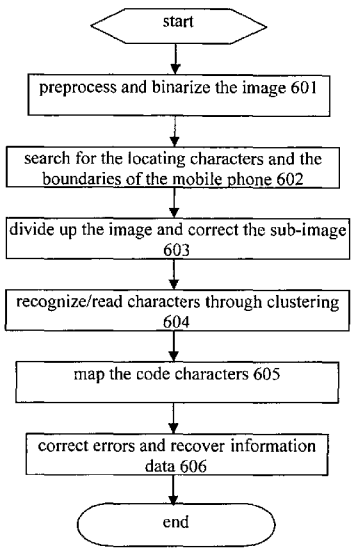

Fig.6

(57) Abstract: The present invention relates to a two-dimensional array code. The two-dimensional array code comprises a plurality of code characters arranged into a two-dimensional array, wherein each of the code characters corresponds to a bit group representing information; and a locating mechanism, for defining size and/or direction of the two-dimensional array arranged by the code characters, wherein each of the code characters belongs to one of a plurality of character groups, characters in each of the character groups have at least a identical or similar feature, and characters belong to a same character group are mapped to a same bit group. According to the present invention, at least one of the plurality of character groups comprises two or more code characters. The present invention greatly reduces the cost for issuing a two-dimensional code, and significantly increases the user convenience. This two-dimensional array code has high compatibility for user mobile terminals. In addition, the entire system apparently improves its safety and stability, and is suitable for the present network application environment.

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