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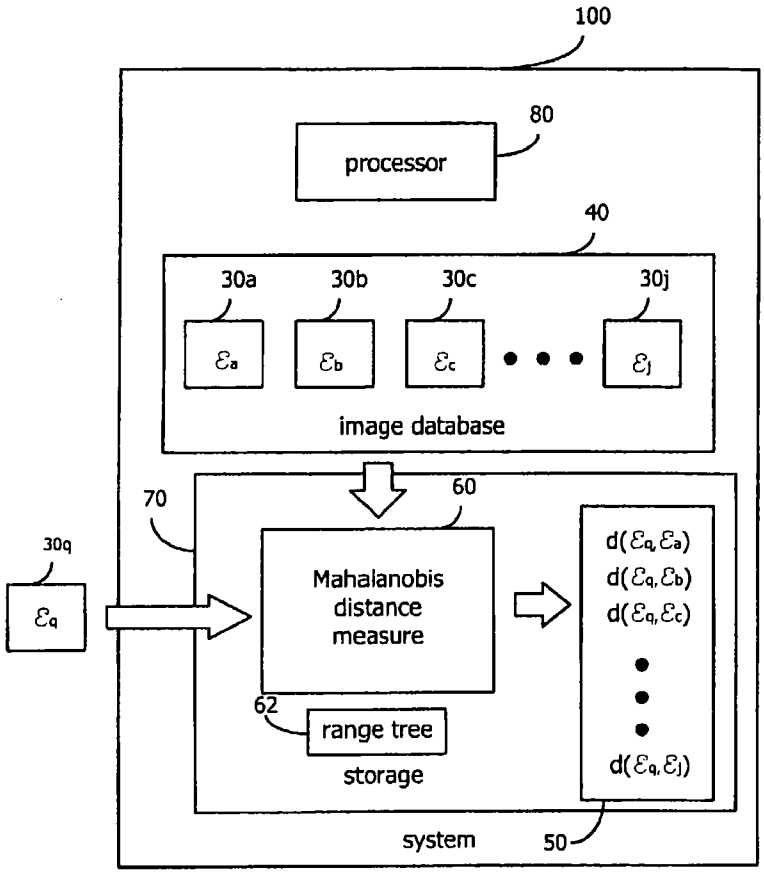
(54) Title: IMAGE RETRIEVAL USING DISTANCE MEASURE



(57) Abstract: A Mahalanobis distance measure is used to identify a query image among plural images in a database. The measure may be used to rank the similarity of one or more images to the query image. A varance-covariance matrix is calculated for all images in the database. The variance-covariance matrix is used to calculate the Mahalanobis distance between the query image and one or more images in the database. A range tree may be used to identify likely image candidates for performing the Mahalanobis distance measurement.

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ACTION

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