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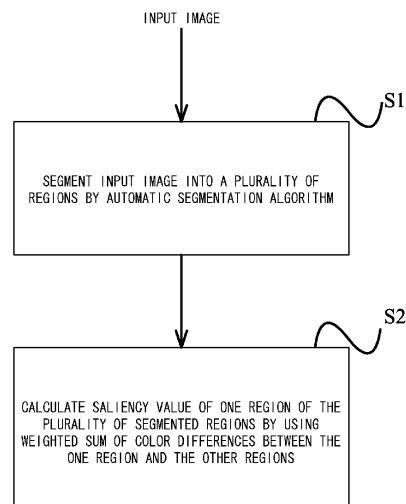
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(54) **Image processing method and image processing device**

(57) The present invention relates to an image processing method and image processing device for detecting visual saliency of an image based on regional contrast. The method includes: a segmentation step that segments an input image into a plurality of regions by using an automatic segmentation algorithm; and a computation step that calculates a saliency value of one region of the plurality of segmented regions by using a weighted sum of color differences between the one region and all other regions. According to the present invention, it is possible to automatically analyze visual saliency regions in an image, and a result of analysis can be used in application areas including significant object segmentation, object recognition, adaptive image compression, content-aware image resizing, and image retrieval.

FIG. 1



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