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(54) Title: METHOD AND APPARATUS FOR POSITIONING DESCRIPTIVE STATEMENT IN IMAGE, ELECTRONIC DEVICE AND STORAGE MEDIUM

(54) 发明名称: 图像的描述语句定位方法及装置、电子设备和存储介质

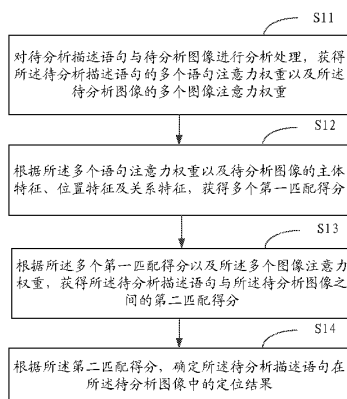


图 1

S11 Analyze a descriptive statement to be analyzed and an image to be analyzed, and obtain a plurality of statement attention weights of the descriptive statement to be analyzed and a plurality of image attention weights of the image to be analyzed
S12 According to the plurality of statement attention weights and main features, location features and relationship features of the image to be analyzed, acquire a plurality of first match scores
S13 According to the plurality of first match scores and the plurality of image attention weights, acquire a second match score between the descriptive statement to be analyzed and the image to be analyzed
S14 According to the second match score, determine a positioning result of the descriptive statement to be analyzed in the image to be analyzed

(57) Abstract: The present application relates to a method and apparatus for positioning a descriptive statement in an image, an electronic device, and a storage medium. The method comprises: analyzing a descriptive statement to be analyzed and an image to be analyzed, and obtaining a plurality of statement attention weights of the descriptive statement to be analyzed and a plurality of image attention weights of the image to be analyzed; according to the plurality of statement attention weights and main features, location features and relationship features of the image to be analyzed, acquiring a plurality of first match scores; according to the plurality of first match scores and the plurality of image attention weights, acquiring a second match score between the descriptive statement to be analyzed and the image to be analyzed; and according to the second match score, determining a positioning result of the descriptive statement to be analyzed in the image to be analyzed.

(57) 摘要: 本申请涉及一种图像的描述语句定位方法及装置、电子设备和存储介质。该方法包括: 对待分析描述语句与待分析图像进行分析, 获得待分析描述语句的多个语句注意力权重及待分析图像的多个图像注意力权重; 根据多个语句注意力权重及待分析图像的主体特征、位置特征及关系特征, 获得多个第一匹配得分; 根据多个第一匹配得分以及多个图像注意力权重, 获得待分析描述语句与待分析图像之间的第二匹配得分; 根据第二匹配得分, 确定待分析描述语句在待分析图像中的定位结果。

[见续页]

SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG,
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