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(54) **Title:** METHOD AND APPARATUS FOR IDENTIFYING DAMAGED VEHICLE PARTS, SERVER, CLIENT TERMINAL, AND SYSTEM

(54) 发明名称: 识别车辆受损部件的方法、装置、服务器、客户端及系统

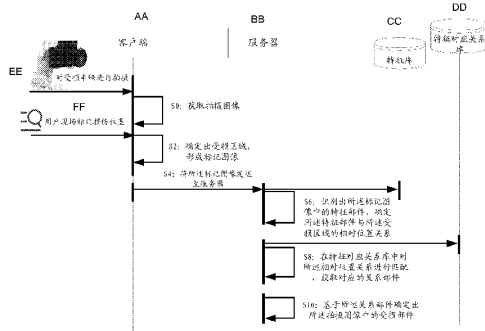


图 1

- S0 Acquire a photographed image
S2 Determine an area of damage and form a marked image
S4 Send the marked image to the server
S6 Identify the feature parts in the marked image, and determine the relative positional relationship of the feature parts and the area of damage
S8 Match the relative positional relationship in the feature correspondence library to acquire a corresponding related part
S10 On the basis of the related part, determine a damaged part in the photographed image
AA Client terminal
BB Server
CC Feature library
DD Feature correspondence library
EE Photograph a damaged vehicle
FF A user marks the position of damage in situ

(57) **Abstract:** Disclosed in the embodiments of the present application are a method and an apparatus for identifying damaged vehicle parts, a server, a client terminal, and a system, the method comprising: An identifiable vehicle feature library comprising a plurality of vehicle parts and a feature correspondence library of the relative positional relationships of said vehicle parts may be pre-established. In a damage-positioning image photographing process, a user can manually delineate on a client terminal the position of damage. A server can identify the identifiable vehicle features in the image and, on the basis of the identifiable vehicle features, determine the relative position of same with the marks delineated by the user. The relative position is matched in the feature correspondence library and the damaged part determined, thereby implementing assisted positioning of a position of damage by means of a simple and in situ manual user operation, helping insurance companies to position and match damaged vehicle parts, and improving the accuracy and processing efficiency of identifying damaged parts.

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CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT,
RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
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本国际公布：

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要：本说明书实施例公开了一种识别车辆受损部件的方法、装置、服务器、客户端及系统，所述方法可以包括：可以预先建立包括多个车辆部件的可识别车辆特征库以及这些车辆部件相对位置关系的特征对应关系库。在定损图像拍摄过程中，用户可以在客户端手工圈定受损位置。然后服务器可以识别图像出中的可识别车辆特征，根据这些可识别特征确定出其与用户圈定的标记的相对位置。进一步将这个相对位置在特征关系库中进行匹配，确定受损部件，实现通过用户现场手工简单的操作对受损位置进行辅助定位，辅助保险公司定位车辆损伤部件匹配，提升定损中识别受损部件的准确率和处理效率。