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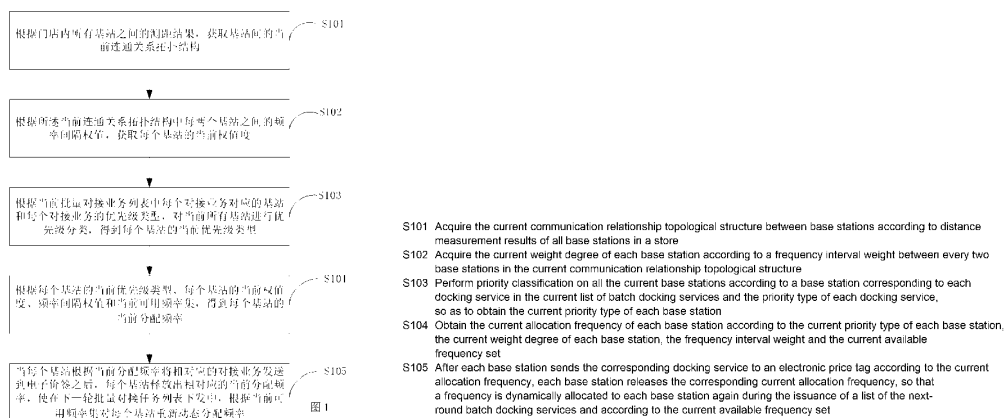
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(54) **Title:** METHOD FOR DYNAMICALLY ALLOCATING FREQUENCY TO BASE STATION, AND PRICE TAG SYSTEM AND COMPUTER DEVICE

(54) 发明名称: 基站频率的动态分配方法、价签系统和计算机设备



(57) **Abstract:** Provided in the present application are a method for dynamically allocating a frequency to a base station, and a price tag system and a computer device. The method comprises: acquiring the current communication relationship topological structure between base stations; acquiring the current weight degree of each base station according to a frequency interval weight between every two base stations in the current communication relationship topological structure; performing priority classification on all the current base stations, so as to obtain the current priority type of each base station; and obtaining the current allocation frequency of each base station according to the current priority type of each base station, the current weight degree of each base station, the frequency interval weight and the current available frequency set. By means of the present application, the problem in the prior art of there being base station frequency usage conflicts or high signal interference in a method for allocating frequencies to a plurality of base stations in an electronic

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price tag system is solved, and the communication throughput of the base stations reaches the maximum in limited frequency resources, thereby improving the stability and the data throughput capability of the electronic price tag system.

(57) 摘要: 本申请提供一种基站频率的动态分配方法、价签系统和计算机设备, 所述方法包括: 获取基站间的当前连通关系拓扑结构; 根据所述当前连通关系拓扑结构中每两个基站之间的频率间隔权值, 获取每个基站的当前权值度; 对当前所有基站进行优先级分类, 得到每个基站的当前优先级类型; 根据每个基站的当前优先级类型、每个基站的当前权值度、频率间隔权值和当前可用频率集, 得到每个基站的当前分配频率。本申请解决了现有技术中为电子价签系统中的多个基站分配频率的方法存在基站频率使用冲突或者信号干扰强的问题, 在有限频率资源中使基站的通信吞吐量达到最大, 从而提高了电子价签系统的稳定性和数据吞吐能力。