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本国际公布:

— 包括国际检索报告(条约第 21 条(3))。

(54) Title: SUSTAINABLE CIRCULAR TRACK LINE NETWORK

(54) 发明名称: 一种可持续循环轨道线网

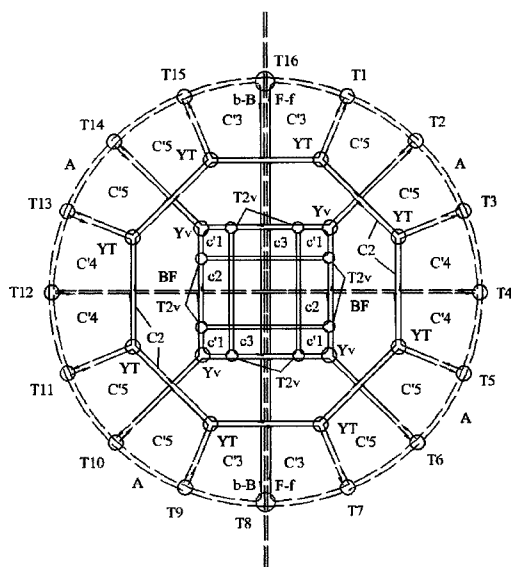


图1 / Fig.1

(57) Abstract: A sustainable circular track line network, including: taking a turning crossroad covered with a multi-cross site as the core or a key node of a circular line/network; designing a circular route to reduce red lights and optimize the scheduling, equalizing and enhancing the density of traffic flow, and collecting, distributing and expanding the coverage area in diversity, so that the separation-reunion intercommunication recombination can be met during the operation of a train, the passengers can change lines with the train or transfer conveniently, and at the same time the construction and operation costs of the track line wire are reduced. The turning crossroad is at least one three-crossroad with bidirectional and dual-line integration and includes at least one group of at least tri-directional turning tracks, with the turning track turning to be an outgoing line with a bidirectional port at a small turning side by at least three return lines with bidirectional ports successively to form a circle.

(57) 摘要: 一种可持续循环轨道线网, 包括以多岔站点覆盖的递转岔道作为循环线/网的核心或关键节点; 设计循环路由减免红灯、优化调度, 均衡增强车流密度, 多元集散扩展覆盖面; 满足列车运营中分合互通重组, 乘客随车转线或便捷换乘; 同时降低轨道线网的建设与运营成本。所述的递转岔道是双向双线接轨的至少三岔道, 含有至少一组至少三向递转道; 所述的递转道由至少三个双向端口的返线递次转为小转弯侧双向端口的往线构成循环。