

Abstract

A system for designing a train operation organization scheme for rail transit, the system comprising: a database (110) used to store route data, passenger flow data and model data required to design a train operation organization scheme; a scheme generation module (120) used to design the train operation organization scheme on the basis of the route data, the passenger flow data and the model data and according to preset train operation organization scheme design rules, and to acquire evaluation indexes of the train operation organization scheme; and an operation module (130) enabling a user to operate the system so as to select the route data, the passenger flow data, the model data, and the preset train operation organization scheme design rules, and used to store and/or display the train operation organization scheme and the evaluation indexes. The system for designing a train operation organization scheme achieves automatic design of train operation organization schemes, thereby significantly improving design efficiency.

FIG. 1