

ABSTRACT

METHOD, DEVICE, COMPUTER APPARATUS, AND STORAGE MEDIUM FOR GENERATING ROUTES

Embodiments of the present disclosure provide a method, device, computer apparatus, and storage medium for generating routes, relate to the field of transport control of wafers, and are applicable to a material control system. In the embodiments of the present disclosure, a transport request for a batch of wafers to be transported is received; a list of routing nodes obtained from mapping of storage positions is acquired; transport routing nodes available for temporarily storing the batch of wafers to be transported are selected from the list of routing nodes based on the storage state information; a plurality of initial transport routes between the initial storage position and the destination storage position are determined based on the transport routing nodes, each initial transport route of the plurality of initial transport routes includes two or more transport routing nodes of the transport routing nodes, and each transport routing node of the transport routing nodes has a respective current waiting duration and a respective estimated transferring duration; and a respective sum of measurement criterions for each initial transport route of the plurality of initial transport routes is calculated based on the respective current waiting duration, the respective estimated transferring duration and a respective weight of each transport routing node of the transport routing nodes, and an initial transport route having a minimum sum of measurement criterions is selected as a target route from the plurality of initial transport routes.

Figure 1