

ABSTRACT OF THE DISCLOSURE

A temporary storage system having a large capacity and loading and unloading articles promptly is provided. The temporary storage system has a grid-like travelling rail and buffers over processing equipment except for an area over a load port, and local vehicles travel along the rail. The carriage of the local vehicles is provided with at least a longitudinal travelling unit, at least a lateral travelling unit, and at least an advancement and retraction mechanism selectively advancing one of the longitudinal travelling unit and the lateral travelling unit to a position supported by the travelling rail, and travels along the travelling rail longitudinally and laterally, and the transfer unit of the local vehicles is provided with a hoist and an arm moving the hoist horizontally. The local vehicles stop at a position corresponding to the load port, advances the arm towards the load port, and transfers an article between the load port.

[Fig. 1 and Fig. 7]