Abstract

ARTICLE CONVEYING SYSTEM AND OVERHEAD CARRIER

This invention provides an overhead carrier for transporting an article on a ceiling of an article conveying system can travel on curves with various curvatures so as to increase the layout flexibility of traveling rails. Driving wheels 421 and 42E that move an overhead carrier 20 along traveling rails 301 and 30E and non-driving wheels 441 and 44E that are rotated separately from the driving wheels 421 and 42E are provided on the right and left of the transport direction of the overhead carrier 20. In a linear section, the driving wheels 421 and 42E on the right and left sides are supported by the traveling rails 301 and 30E, respectively. In a curved section, the inner non-driving wheel 441 is supported by the inner traveling rail 30I while the outer driving wheel 42E is supported by the outer travelling rail 30E.

FIG 4