Container Storage Facility

Abstract

The present invention provides a container storage facility in which inert gas can be supplied to a container in a container storage section that can be moved between the storage position and the transfer position while preventing deterioration of the gas supply line and generation of dust to the extent possible. The container storage section of the container storage facility in accordance with the present invention includes a container support 28 provided to be movable with respect to the fixed frame member 29 between a storage position and a transfer position for transferring the container to and from a transporting device. The gas supply line of gas supply means 60 for supplying the inactive gas to the container supported by the container support of the storage position includes a fixed side portion and a moving side portion which can be moved in unison with the container support. And there is provided a connecting member 63 for connecting the fixed side portion and the moving side portion to each other as the container support 28 is moved from the transfer position to the storage position, and for releasing the connection between the fixed side portion and the moving side portion to allow the moving side portion to move away from the fixed side portion as the container support 28 is moved from the storage position to the transfer position.

Fig. 3