

TITLE OF THE INVENTION: STORAGE SYSTEM AND STORAGE METHOD

ABSTRACT

5 A storage system comprises a storage structure having storage sections
and a carry-in-and-out portion, one or more environment adjusters for
adjusting storage environment individually for each of the storage sections, an
environment managing portion for collecting information about storage
environment and controls operation of the one or more environment adjusters,
10 a storage transport device for performing a transport operation, and a carry-in-
and-out managing device for managing the locations of storage sections in
which the article holders are stored by associating the locations of storage
sections in which the article holders are stored with the identifying information
of respective ones of the article holders, and for controlling transport operation
15 of the storage transport device based on a carry out request or a carry in
request from the primary managing device. The carry-in-and-out managing
device generates superordinate environment management information in
which environment management information for each of the storage sections,
which the environment managing portion generates, is associated with
20 identifying information of the article holder stored in the corresponding one of
the storage sections, and outputs the superordinate environment management
information to the primary managing device.

Fig. 5