

ABSTRACT

A self-location estimation device (200) includes: a map information acquisition unit (202, 204) configured to acquire map information in a storage facility (10) generated based on shape information of an object (X, Y) and storage status information of the object (X, Y) in the storage facility (10); an environmental information acquisition unit (201) configured to acquire environmental information of surroundings; and a self-location estimation unit (203) configured to estimate a self-location based on the map information acquired by the map information acquisition unit (202, 204) and the environmental information acquired by the environmental information acquisition unit (201).

FIG. 2