

ABSTRACT

An autonomous mobile device management system includes a plurality of autonomous mobile devices that move autonomously within a building based on instruction information, and a management device that manages the plurality of autonomous mobile devices, in which the autonomous mobile device includes an operation information transmission unit that transmits operation information to the management device, and an instruction information reception unit that receives the instruction information transmitted from the management device, the management device includes an operation information reception unit that receives the operation information transmitted from each of the autonomous mobile devices, a list creation unit that creates a movement list for each of the autonomous mobile devices, a list updating unit that updates the movement list for each of the autonomous mobile devices, and an instruction information transmission unit that transmits instruction information to each of the autonomous mobile devices based on the movement list for each of the autonomous mobile devices created by the list creation unit or based on the movement list for each of the autonomous mobile devices which is updated by the list updating unit, and the list updating unit updates the movement list for one of the autonomous mobile devices based on the operation information of the plurality of autonomous mobile devices.