

ABSTRACT (FIG. 2)

"PASSENGER CONVEYOR SYSTEM"

According to one embodiment, a passenger conveyor system diagnoses a state of an outdoor passenger conveyor (10). The system includes a control device (21) and a remote monitoring device (27). The control device (21) controls operation of the outdoor passenger conveyor (10). The remote monitoring device (27) periodically acquires from a meteorological data server, meteorological data including at least weather information indicating weather conditions in an area where the outdoor passenger conveyor (10) is installed. The control device (21) includes a storage unit (21a), a weather condition determination unit (21c) and an information processing unit (21d). The storage unit (21a) stores time information indicating startup time of the outdoor passenger conveyor (10), and the meteorological data acquired by the remote monitoring device (27) from a previous startup time of the outdoor passenger conveyor (10) until a current startup time. The weather condition determination unit (21c), when the startup time indicated by the time information arrives, determines whether rainfall or snowfall occurred during a period from the previous startup time to the current startup time based on the weather information contained in the stored meteorological data. The information processing unit (21d), when the weather condition determination unit (21c) determines that no rainfall or snowfall occurred, starts the outdoor passenger conveyor (10) and operates it in a predetermined operation mode, and diagnoses the state of the outdoor passenger conveyor (10).