

METHOD OF CONTROLLING DRIVING OF FAN OF SHIP CARGO

HOLD, DEVICE, AND RECORDING MEDIUM

ABSTRACT

According to an embodiment, there is provided a method including obtaining
5 location-specific environment information including temperature, humidity, and
carbon dioxide concentration from one or more sensors installed in the ship cargo hold
as a smart drive linked to one or more VFDs operates, obtaining a maximum
temperature, a maximum humidity, and a maximum carbon dioxide concentration in
the ship cargo hold based on the location-specific environment information, obtaining
10 fan operation reference information with respect to a reference temperature, a
reference humidity, and a reference carbon dioxide concentration indicating a
condition in which the fan of the ship cargo hold is to be operated, determining a fan
operation level according to a degree to which the maximum temperature, the
maximum humidity, and the maximum carbon dioxide concentration correspond to the
15 fan operation reference information, and controlling the VFD to operate one or more
fans according to the fan operation level.

FIG. 1