

PRIMARY AND STANDBY FAN ASSEMBLY FOR PROTECTION, PRIMARY AND
STANDBY CHASSIS FOR PROTECTION, AND CONTROL METHOD THEREFOR

ABSTRACT

The present invention specifically relates to a primary and standby fan assembly for protection, a primary and standby chassis for protection, and a control method therefor. The fan assembly includes two or more sets of interchangeable fan trays, wherein each fan tray includes a first interface, a control unit connected to the first interface, a second interface, a third interface connected to the second interface, and at least one set of fans connected to the control unit. Advantageously, the modular design enables interchangeability of the fan trays, thereby reducing manufacturing costs, inventory requirements, and physical space constraints associated with conventional redundant fan trays.

Fig. 1