

ABSTRACT

An air pollution cleaning smart network mechanism system is disclosed and includes plural gas detectors, a cooling heat exchanger, a heating heat exchanger, a dehumidifier, a humidifier and a networked cloud computing service device. Each of the cooling heat exchanger, the heating heat exchanger, the dehumidifier and the humidifier includes the gas detector, an air guiding fan, a filter component and a driving controller. The networked cloud computing service device receives air pollution information, carbon dioxide pressure detection information and gas temperature and humidity information detected by the gas detectors, intelligently selects to issues control instructions to control actuation operation of the air guiding fans in the cooling heat exchanger, the heating heat exchanger, the dehumidifier and the humidifier. Thereby, the temperature and humidity in the indoor field is adjusted, and the air pollution gas in the indoor field is guided to the filter component for clean treatment.

FIG. 1A