

ABSTRACT OF THE DISCLOSURE

A range hood is disclosed and includes a guiding cover, a guiding duct, an air guiding fan, an electrostatic oil fume separator and a networked controller. The guiding cover is arranged in a kitchen space, two deflectors are extended from two sides of the guiding cover for blocking air pollution from spreading and concentrating to an air guiding path. The guiding duct communicates to the air guiding path. The air guiding fan communicates to the guiding duct. The electrostatic oil fume separator is arranged above the guiding cover to separate oil droplets and smoke gas. The networked controller receives a control command of an indoor air pollution prevention system through a networked communication, so as to control an activation operation of the air guiding fan, thereby the air pollution of the kitchen space can be detected in real time and purified to a level close to zero.

Fig. 1B