

ABSTRACT

CUSTOMIZED PERFUME-FILLING EQUIPMENT

The present disclosure discloses a customized perfume-filling equipment, including a machine platform, a conveying track, a filling system, a mounting clamp, a bottle-in track, a bottle-out track, a bottle-grabbing manipulator, a central processor, and a controller. The filling system is configured to store a perfume and fill a bottle. The filling system is connected with pipelines configured for transporting perfume liquid, and the multiple pipelines are relatively independent of each other. The pipeline is provided therein with an electric control valve configured for controlling opening and closing of the pipeline. The central processor is configured to receive external user information and generate corresponding product formula information. The controller is electrically connected to the central processor and receives product formula information from the central processor. The controller is electrically connected to multiple electric control valves and is configured to control the opening and closing of the electric control valves. By utilizing the central processor, the controller, and multiple non-interfering filling systems in coordination, the equipment can perform automated personalized ingredient preparation based on actual requirements during the production process, thereby improving overall work efficiency.

FIG. 1