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(54) Title: CUSTOMIZED PERFUME FILLING DEVICE

(54) 发明名称: 定制式香水灌装设备

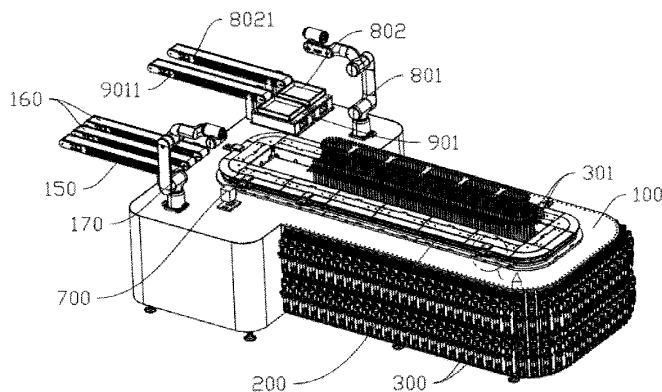


图 1

(57) Abstract: Disclosed in the present invention is a customized perfume filling device, comprising a machine platform, a conveying track, filling systems, a mounting clamp, a bottle feeding track, bottle discharging tracks, a bottle taking robotic arm, a central processing unit and a controller, wherein the filling systems are configured to store perfume and fill bottles, the filling systems are connected to pipelines for conveying perfume liquid, a plurality of pipelines are relatively independent, and electronic control valves for controlling the opening and closing of the pipelines are provided inside the pipelines; the central processing unit is configured to receive external user information and generate corresponding product formula information; the controller is electrically connected to the central processing unit and receives the product formula information from the central processing unit; and the controller is electrically connected to the plurality of electronic control valves and is configured to control the opening and closing of the electronic control valves. By means of the cooperation of a central processing unit, a controller, and a plurality of filling systems which do not interfere with each other, personalized batching can be automatically performed during production and on the basis of actual requirements, thereby improving the overall working efficiency.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本发明公开了一种定制式香水灌装设备, 包括机台、输送轨道、灌装系统、安装夹具、进瓶轨道、出瓶轨道、取瓶机械手、中央处理器和控制器; 灌装系统用于储存香水以及对瓶子进行灌装, 灌装系统连接有用来输送香水液体的管道, 多条管道之间相对独立, 管道内置有用于控制管道开闭的电控阀; 中央处理器用于接收外部用户信息, 并生成对应的产品配方信息; 控制器和中央处理器电连接, 并接收来自中央处理器的产品配方信息; 控制器和多个电控阀电连接, 并用于控制电控阀的开闭。利用中央处理器、控制器以及多个互不干涉的灌装系统配合, 使得在生产过程中可以自动化地根据实际需求来进行个性化配料, 提高整体的工作效率。