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(54) Title: LIQUID STORAGE DEVICE AND ELECTROPLATING APPARATUS

(54) 发明名称: 储液装置及电镀设备

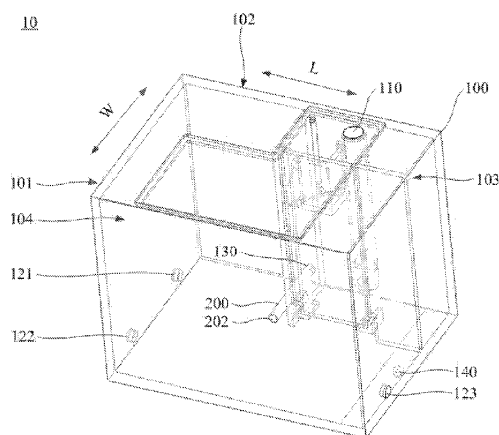


图 1

(57) Abstract: Disclosed in the present invention are a liquid storage device and an electroplating apparatus. The liquid storage device comprises a liquid storage tank body; the liquid storage tank body comprises a plurality of working circulation liquid discharge ports for supplying a liquid to a plurality of working chambers, and a heat circulation liquid injection port for introducing a heated solution into the liquid storage tank body; the two opposite sidewalls of the liquid storage tank body are both provided with the working circulation liquid discharge ports; and the heat circulation liquid injection port is formed in a sidewall connecting said two sidewalls, and is close to

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the middle position of the length of the sidewall. The liquid storage device further comprises a flow guide member; and the flow guide member is provided in the liquid storage tank body, and is communicated with the heat circulation liquid injection port. The solution entering from the heat circulation liquid injection port is introduced into the liquid storage tank body through the flow guide member and flows to each working circulation liquid discharge port. The present invention has the advantage that solutions introduced from a single liquid storage device to different working chambers tend to have an equal temperature and flow speed.

(57) 摘要: 本发明公开了一种储液装置及电镀设备, 储液装置包括储液槽本体, 储液槽本体包括用于向多个工作腔室供液的多个工作循环排液口以及用于使加热后的溶液通入储液槽本体内部的热循环注液口, 储液槽本体相对的两侧壁上均设有工作循环排液口, 连接两侧壁的一侧壁设有热循环注液口, 且热循环注液口靠近该一侧壁的长度的中间位置处, 储液装置还包括导流件, 导流件设置于储液槽本体内, 导流件与热循环注液口连通, 从热循环注液口进入的溶液通过导流件通入储液槽本体内, 并流向各个工作循环排液口处。本发明具有单个储液装置通入不同工作腔室的溶液的温度和流速趋于相等的优点。