ABSTRACT

LIQUID SPREADING DEVICE, LIQUID SPREADING METHOD, LIQUID SPREADING SYSTEM, COMBINATION DEVICE, AND LIQUID PASSAGE DEVICE

A fluid laying device includes a manifold block. The manifold block defines a first channel, and also defines a first fluid inlet, a first fluid outlet, and several carrier interfaces. Each carrier interface has a first hole connecting one of a channel inlet and channel outlets of the flow cell carrier. The manifold block is provided with an inlet valve device, a bypass valve device, and outlet valve devices. The inlet valve device and the outlet valve devices are one-to-one corresponding to the carrier interfaces, and disposed on a fluid path from the corresponding carrier interface to the first channel. The first channel includes a first section and a second section. A bypass valve device is between the first and second sections to control connection and disconnection between the first and second sections. The inlet valve device connects the first section, and the outlet valve devices connect the second section.

Figure 2