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| 一种微流体驱动泵及其应用<br>文献类型:专利 |   |
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| 是否PCT专利                 | 否   |
| 中文摘要                    | The invention relates to a totally integrated micro-fluidic chip and provides a micro-fluidic driving pump and application thereof, particularly the micro-fluidic driving pump for micro-fluidic driving and control. The micro-fluidic driving pump comprises a cover plate and a glass substrate, wherein the cover plate is bucked on the glass substrate; a pump cavity is arranged on the glass substrate; liquid passageways are arranged at the two sides of the pump cavity; the pump cavity is communicated with the passageways at the two sides through a liquid inlet and a liquid outlet at the two sides; the liquid inlet and the liquid outlet are conical frustum-shaped; a piezoelectric ceramic piece is arranged in a position of the cover plate opposite to the pump cavity; the projection of the piezoelectric ceramic piece on the glass substrate is positioned in the pump cavity; the liquid inlet is conical frustum-shaped, the lower bottom surface with a large conical frustum area of the liquid inlet is positioned at one side of the pump cavity, and the upper bottom surface with a small conical frustum-shaped, the lower bottom surface with the large conical frustum area of the liquid outlet is positioned at one side of the first passageway; the liquid outlet is conical frustum-shaped, the lower bottom surface with the large conical frustum area of the liquid outlet is positioned at one side of a second passageway, and the lower bottom surface with the large conical frustum area of the liquid outlet is positioned at one side of the pump cavity.   — 中微流体驱动泵及其应用涉及全集成微流控芯片,特别提供了一种专门用于微流体驱动和控制的微量泵。本发明提供了一种微流体驱动泵及其应用涉及全集成微流控芯片,特别提供了一种专门用于微流体驱动和控制的微量泵。本发明提供了一种微流体驱动泵及其应用选定性,反射性的影响,可以使用的 |
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