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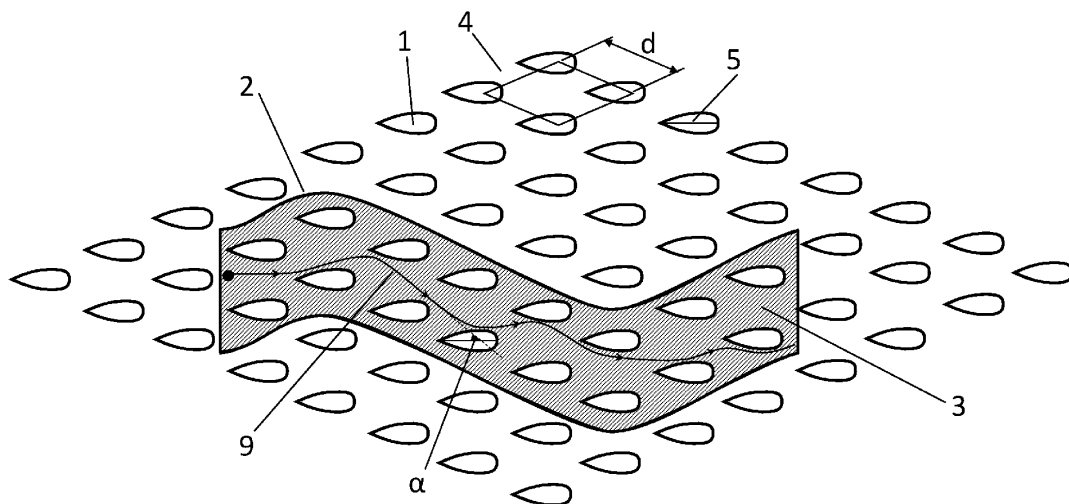


Figure 1

(57) Abstract: This invention based on a microfluidic device that is used for in vitro selective capture of biological entities suspended in a medium based on immunoaffinity technique. The device includes symmetric hydrofoil pillars arranged inside ellipse segments acting as microfluidic channel which provides continuous change of attack angles between the pillars and biological entities.

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