

ABSTRACT

FLUIDIC STRUCTURES FOR MEMBRANELESS PARTICLE SEPARATION

Fluidic structures for facilitating particle separation in curved or spiral devices are provided. The contemplated systems relate to various fluidic structures, implementations and selected fabrication techniques to realize construction of fluidic separation structures that are of a stacked and/or parallel configuration. These contemplated systems provide for efficient input of fluid to be processed, improved throughput, and, in some variations, adjustable and efficient treatment of output fluid.

Figure 2.