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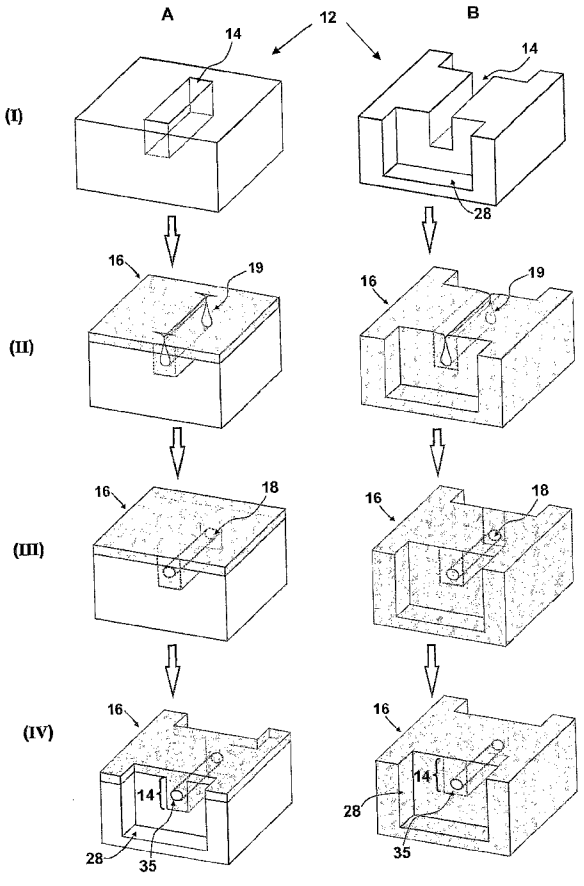
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(54) Title: MICROFLUIDIC DEVICE FOR ANALYZING THE STATUS OF A PARTICLE



(57) Abstract: The present invention provides a device for analyzing the status of a biological entity. The device comprises a base substrate having a recess defined therein by two opposing lateral walls and a base wall, a filler member having at least a portion thereof occupying the recess, and a channel defined in the portion of the filler member occupying the recess, wherein the channel comprises a first aperture and a second aperture, the first aperture being arranged on a first lateral wall of the filler member, and the second aperture being arranged on a second lateral wall of the filler member, said first lateral wall of the filler member being arranged in opposing relationship with the second lateral wall of the filler member, and at least a portion of the first and the second lateral walls of the filler member being at least substantially perpendicular to the opposing lateral walls defining the recess.

WO 2007/108779 A1

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