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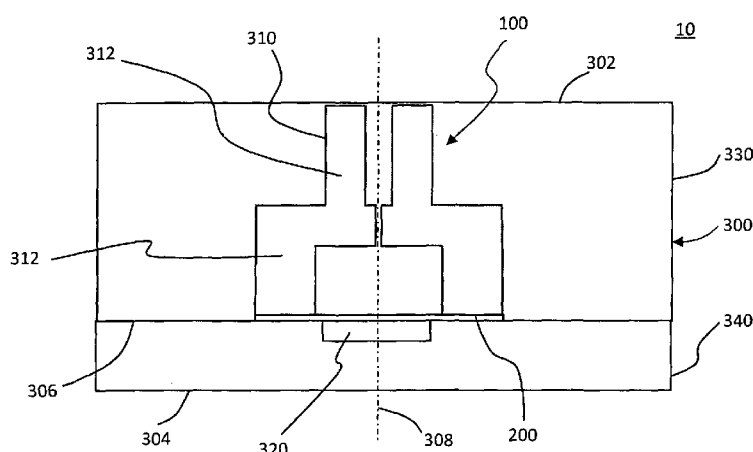
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(54) Title: A CONNECTOR FOR MICROFLUIDIC DEVICE, A METHOD FOR INJECTING FLUID INTO MICROFLUIDIC DEVICE USING THE CONNECTOR AND A METHOD OF PROVIDING AND OPERATING A VALVE



(57) Abstract: A connector for being inserted into a first channel of a microfluidic device. The connector includes a first end and a second end, when seen in the direction of a longitudinal central axis of said connector, wherein the second end is arranged in a second end portion of the connector; an inner hollow space; a outer circumferential wall extending around said longitudinal central axis, such that said outer circumferential wall extends around said inner hollow space. The outer circumferential wall has at least two different outer diameters along said longitudinal central axis, which outer diameters differ in their value; and the outer surface of said circumferential wall is rotationally symmetrical with regard to said longitudinal central axis; an opening provided in said first end for receiving an insert and, being in fluid connection with said inner hollow space; and a membrane sealingly covering said inner hollow space towards said second end of the connector, wherein the insert is configured to provide pressure on said membrane.