

Title (en)
Microfluidic chip and connector

Title (de)
Mikrofluidischer Chip und Verbindungselement

Title (fr)
Puce micro-fluide et connecteur

Publication
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Application
EP 10169042 A 20100709

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Abstract (en)
The present invention relates to a microfluidic chip 1 and a corresponding connector 5 for connecting the microfluidic chip 1 to one or more fluid supplies or fluid discharge containers. The microfluidic chip 1 comprises at least two connection channels 2 each extending from an outer surface of the chip 1 and into the chip 1, and at least one fluid channel 3 through which fluid and/or particulate suspensions can flow through the chip 1, each of the at least one fluid channel 3 extending between and in fluid connection with two connection channels 2. The dimensions and arrangement of the connection channels 2 and the elastic properties of the chip 1 are so that a watertight connection is established between the connection channels 2 and hollow needles 7 of the connector 5 when the chip 1 is pressed onto the connector 5, the watertight connection being maintained during use.

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Citation (search report)

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