

Title (en)

METHOD FOR WASHING A MICROFLUIDIC CAVITY

Title (de)

VERFAHREN ZUM WASCHEN EINER MIKROFLUIDISCHEN KAVITÄT

Title (fr)

PROCÉDÉ DE LAVAGE D'UNE CAVITÉ MICROFLUIDIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012045754A1] Method for washing a cavity in a microfluidic component and a microfluidic component for carrying out the method. The invention relates to a method for washing at least one cavity (20') in a microfluidic component, wherein, in the cavity (20'), a first liquid (F1) is present and at least one second liquid (F2) is supplied to the cavity (20') for washing. According to the invention, an air bubble (L) is fed to the cavity (20') before supply of the washing liquid (F2). The air bubble (L) which virtually acts as a barrier layer between the first liquid (F1) and the following washing liquid (F2), makes possible a notable increase in washing efficiency. Overall, this method leads to a saving in washing liquid (F2) and washing time. In addition, a microfluidic component is proposed for carrying out the method.

IPC 8 full level

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