

Title (en)  
MICROFLUIDIC SYSTEM INCLUDING A VIRTUAL WALL FLUID INTERFACE PORT FOR INTERFACING FLUIDS WITH THE MICROFLUIDIC SYSTEM

Title (de)  
MIKROFLUIDISCHES SYSTEM MIT EINEM FLÜSSIGKEITSGRENZFLÄCHENDURCHLASS ALS VIRTUELLER WAND ZUR GRENZFLÄCHENVERBINDUNG VON FLÜSSIGKEITEN MIT DEM MIKROFLUIDISCHEN SYSTEM

Title (fr)  
SYSTEME MICROFLUIDIQUE AVEC ACCES D'INTERFACE FLUIDIQUE A PAROI VIRTUELLE, POUR UNE INTERFACE FLUIDE/SYSTEME MICROFLUIDIQUE

Publication  
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Application  
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Priority  
• US 0219935 W 20020620  
• US 29951501 P 20010620  
• US 2717101 A 20011221  
• US 2748401 A 20011221  
• US 2751601 A 20011221  
• US 2792201 A 20011221  
• US 2885201 A 20011221  
• US 2910801 A 20011221

Abstract (en)  
[origin: WO03000416A2] A fluid interface port in a microfluidic system and a method of forming the fluid interface port is provided. The fluid interface port comprises an opening formed in the side wall of a microchannel sized and dimensioned to form a virtual wall when the microchannel is filled with a first liquid. The fluid interface port is utilized to fill the microchannel with a first liquid, to introduce a second liquid into the first liquid and to eject fluid from the microchannel.

IPC 1-7  
**G01N 27/00**; G01N 27/26; G01N 27/447; B01F 5/00; C12Q 1/68; B01L 3/00; B01D 57/02; B01J 19/00; B01L 3/02

IPC 8 full level  
**B01D 57/02** (2006.01); **B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **B01L 3/02** (2006.01); **B81B 1/00** (2006.01); **C12Q 1/00** (2006.01); **G01N 27/447** (2006.01); **G01N 37/00** (2006.01); **G01N 35/10** (2006.01)

CPC (source: EP)  
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**WO 03000416 A2 20030103**; **WO 03000416 A3 20031204**; AU 2002310500 A1 20030108; AU 2002310501 A1 20030108; AU 2002326314 A1 20030108; CA 2451753 A1 20030103; EP 1412729 A2 20040428; EP 1412729 A4 20050309; JP 2005514187 A 20050519; WO 03000417 A2 20030103; WO 03000417 A3 20030227; WO 03000418 A2 20030103; WO 03000418 A3 20030313

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