

Title (en)  
INTERFACE MEMBERS AND HOLDERS FOR MICROFLUIDIC ARRAY DEVICES

Title (de)  
GRENZFLÄCHENGLIEDER UND HALTER FÜR MIKROFLUIDISCHE ARRAY-EINRICHTUNGEN

Title (fr)  
ELEMENTS D'INTERFACE ET SUPPORTS POUR DISPOSITIFS DE RESEAU MICROFLUIDIQUE

Publication  
**EP 1466144 A4 20070905 (EN)**

Application  
**EP 02805626 A 20021218**

Priority  

- US 0240575 W 20021218
- US 34106901 P 20011219
- US 6100102 A 20020130
- US 17434302 A 20020617
- US 30504502 A 20021126

Abstract (en)  
[origin: WO03054488A1] A member for holding at least one microfluidic device and providing an interface between the at least one microfluidic device and a second device is provided. The at least one microfluidic device has a plurality of reservoirs formed therein and the member includes a body having an upper face and a lower face and a plurality of open well members formed therein. Each well member is defined by a well wall and includes a first end and an opposing second end, wherein the second end is configured and dimensioned for frictionally engaging the at least one microfluidic device such that at least some of the open well members and the reservoirs of the microfluidic device align with one another. An apparatus for interfacing with a mass spectrometer to perform a nanospray application is also provided.

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**G01D 15/16**; B44C 1/22; C02F 1/40; B01D 57/02; G21G 5/00

IPC 8 full level  
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Citation (search report)  

- [X] US 6284113 B1 20010904 - BJORNSEN TORLEIF OVE [US], et al
- [X] WO 9715394 A1 19970501 - SMITHKLINE BEECHAM CORP [US], et al
- [X] WO 0024511 A1 20000504 - UNIV CALIFORNIA [US]
- See references of WO 03054488A1

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