

Title (en)

ELECTRO-PNEUMATIC DISTRIBUTOR FOR MULTIPLEXED \$g(m)-TAS DEVICES

Title (de)

ELEKTROPNEUMATISCHER VERTEILER FÜR ZEITMULTIPLEXTE ANALYTISCHEMICROSYSTEMEN

Title (fr)

DISTRIBUTEUR ELECTRO-PNEUMATIQUE POUR DISPOSITIFS A MICROSYSTEMES ANALYTIQUES MULTIPLEXES

Publication

**EP 1155435 A1 20011121 (EN)**

Application

**EP 00908230 A 20000107**

Priority

- US 0000470 W 20000107
- US 11516799 P 19990108

Abstract (en)

[origin: WO0041214A1] An electrospray system is disclosed. The electrospray system includes a microdevice (10) comprising wells (12), channels (16), and electrospray tips (14); an electro-pneumatic distributor (22) comprising channels (28) and electrodes (24); a supply block (36) comprising gas supply channel (34) and electric conductor (32); and a gasket (18) with holes (20). The distributor is suitable for simultaneous, selective application of pressure and electric current to individual channels of a microdevice.

IPC 1-7

**H01J 49/00**; H01J 49/04; H01J 49/10; G01N 27/26; G01N 27/447; B01L 3/00

IPC 8 full level

**B01L 3/00** (2006.01); **B01L 3/02** (2006.01); **G01N 27/447** (2006.01); **H01J 49/04** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)

**B01L 3/0268** (2013.01); **B01L 3/502715** (2013.01); **B01L 3/50273** (2013.01); **G01N 27/44717** (2013.01); **H01J 49/0018** (2013.01); **H01J 49/107** (2013.01); **H01J 49/165** (2013.01); **B01J 2219/00315** (2013.01); **B01J 2219/00389** (2013.01); **B01L 3/5025** (2013.01); **B01L 2300/0829** (2013.01); **B01L 2400/027** (2013.01); **B01L 2400/0487** (2013.01); **C40B 60/14** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 0041214 A1 20000713**; CA 2357623 A1 20000713; EP 1155435 A1 20011121; EP 1155435 A4 20040811

DOCDB simple family (application)

**US 0000470 W 20000107**; CA 2357623 A 20000107; EP 00908230 A 20000107