

Title (en)

Micro-fluidic system

Title (de)

Mikrofluidisches System

Title (fr)

Système micro-fluidique

Publication

EP 2626133 A1 20130814 (EN)

Application

EP 12154899 A 20120210

Priority

EP 12154899 A 20120210

Abstract (en)

The invention relates to a micro-fluidic system comprising a first element of a first material comprising a channel comprising at least one inlet and at least one outlet for transporting fluids, wherein the channel has at least one cross-sectional dimension in the range from 0.05 to 10mm and a second element of a second material in communication with the channel and which is contacted by the fluid materials during operation of the micro-fluidic system, wherein the second material comprises a reinforced polytetrafluoroethylene.

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP)

B01L 3/502707 (2013.01); **B01L 2200/12** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0887** (2013.01); **B01L 2300/12** (2013.01)

Citation (applicant)

- WO 2004022233 A1 20040318 - EPIGEM LTD [GB], et al
- WO 03039736 A1 20030515 - CPC CELLULAR PROCESS CHEMISTRY [DE], et al
- WO 2007112945 A1 20071011 - LONZA AG [CH], et al

Citation (search report)

- [XAY] WO 2007021762 A2 20070222 - UNIV NORTH CAROLINA [US], et al
- [Y] US 2011135546 A1 20110609 - KUROWSKI DIRK [DE], et al
- [Y] WO 0125138 A1 20010412 - NANOSTREAM INC [US]
- [A] US 2005139993 A1 20050630 - LEE DAE S [KR], et al
- [A] WO 0117797 A1 20010315 - CALIPER TECHN CORP [US]

Cited by

CN111246936A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2626133 A1 20130814

DOCDB simple family (application)

EP 12154899 A 20120210