

Title (en)
A microfluidic system comprising a homogenizing component

Title (de)
Mikrofluidisches System mit einer homogenisierenden Komponente

Title (fr)
Système microfluidique comprenant un composant d'homogénéisation

Publication
EP 2705899 A1 20140312 (EN)

Application
EP 12306073 A 20120907

Priority
EP 12306073 A 20120907

Abstract (en)
The invention relates to a system comprising: at least one microfluidic device (1), - at least one duct (3) in fluidic connection with the microfluidic device (1), and - at least one vibrating element (8) connected to the duct (3) and adapted to transmit mechanical vibrations to the duct (3). The invention also relates to a method of performing an assay which can be implemented using this system.

IPC 8 full level
B01F 11/02 (2006.01); **B01F 13/00** (2006.01)

CPC (source: EP)
B01F 31/84 (2022.01); **B01F 33/30** (2022.01)

Citation (applicant)

- TW 200914831 A 20090401 - SHEEN HORN-JIUNN [TW]
- WO 9606158 A1 19960229 - JOSIC DJURO [AT]
- US 2009252658 A1 20091008 - RAMLER JEFFREY J [US], et al
- WO 2008104916 A2 20080904 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- WO 9933559 A1 19990708 - CEPHEID [US], et al
- WO 2008156837 A1 20081224 - ATTINGER DANIEL [US], et al
- WO 9815825 A2 19980416 - IRORI [US]
- WO 2005084380 A2 20050915 - GEN HOSPITAL CORP [US], et al

Citation (search report)

- [XAI] EP 1510250 A2 20050302 - FUJI PHOTO FILM CO LTD [JP]
- [XI] CH 702439 A1 20110630 - DOEBELIN WERNER [CH]
- [XI] US 2009038932 A1 20090212 - DENSLOW KAYTE M [US], et al
- [XI] US 2007262163 A1 20071115 - LE PESANT JEAN-PIERRE [FR], et al
- [XA] EP 0187324 A1 19860716 - TECHNICON INSTR [US]
- [XA] DE 29508672 U1 19950810 - MG V MOEST SPRITZGERAETE PROD [DE]

Cited by
CN108568264A

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 2705899 A1 20140312; WO 2014037508 A1 20140313

DOCDB simple family (application)
EP 12306073 A 20120907; EP 2013068476 W 20130906