

Title (en)
TEST ELEMENT FOR ANALYSING AN ANALYTE PRESENT IN A SAMPLE OF BODY FLUID, ANALYSIS SYSTEM AND METHOD FOR CONTROLLING THE MOVEMENT OF A FLUID CONTAINED IN A CHANNEL OF A TEST ELEMENT

Title (de)
TESTELEMENT ZUR ANALYSE EINER KÖRPERFLÜSSIGKEITSPROBE AUF EINEN DARIN ENTHALTENEN ANALYTEN, ANALYSESYSTEM UND VERFAHREN ZUR STEUERUNG DER BEWEGUNG EINER IN EINEM KANAL EINES TESTELEMENTS ENTHALTENEN FLÜSSIGKEIT

Title (fr)
ÉLÉMENT DE TEST POUR L'ANALYSE D'UN ANALYTE PRÉSENT DANS UN ÉCHANTILLON DE LIQUIDE CORPOREL, SYSTÈME D'ANALYSE ET PROCÉDÉ DE COMMANDE DU DÉPLACEMENT D'UN LIQUIDE CONTENU DANS UN CANAL D'UN ÉLÉMENT DE TEST

Publication
EP 2307138 A1 20110413 (DE)

Application
EP 09797412 A 20090514

Priority
• EP 2009003425 W 20090514
• EP 08012980 A 20080718
• EP 09797412 A 20090514

Abstract (en)
[origin: EP2145682A1] The test element (3) has a narrow section (27) arranged between expansion sections (26a, 26b). The expansion sections exhibit a cross sectional surface increasing compared to the narrow section in a direction away from the narrow section. A connection channel (24) is arranged between the narrow section and an analysis function channel (16) such that an air exchange connection is formed between the narrow section and the analysis function channel to operate low pressure produced by an air flow through an air flow channel (25) on the analysis function channel. Independent claims are also included for the following: (1) an analysis system comprising a test element (2) a method for controlling a movement of a fluid contained in a channel of a test element.

IPC 8 full level
B01L 3/00 (2006.01); **F04B 19/00** (2006.01); **F04F 1/06** (2006.01); **F04F 5/14** (2006.01)

CPC (source: EP US)
B01L 3/502723 (2013.01 - EP US); **B01L 3/50273** (2013.01 - EP US); **F04F 3/00** (2013.01 - EP US); **F04F 5/24** (2013.01 - EP US); **G01N 21/03** (2013.01 - EP US); **B01L 2200/0621** (2013.01 - EP US); **B01L 2300/0803** (2013.01 - EP US); **B01L 2300/0816** (2013.01 - EP US); **B01L 2300/0867** (2013.01 - EP US); **B01L 2400/0406** (2013.01 - EP US); **B01L 2400/0409** (2013.01 - EP US); **B01L 2400/0463** (2013.01 - EP US); **B01L 2400/049** (2013.01 - EP US); **B01L 2400/0688** (2013.01 - EP US); **G01N 2021/0328** (2013.01 - EP US); **G01N 2021/0346** (2013.01 - EP US); **Y10T 436/25** (2015.01 - EP US)

Citation (search report)
See references of WO 2010006668A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2145682 A1 20100120; EP 2307138 A1 20110413; JP 2011528431 A 20111117; US 2011183432 A1 20110728; WO 2010006668 A1 20100121

DOCDB simple family (application)
EP 08012980 A 20080718; EP 09797412 A 20090514; EP 2009003425 W 20090514; JP 2011517764 A 20090514; US 201113008104 A 20110118