Title (en)
DEVICE AND METHOD FOR ANALYZING A SAMPLE LIQUID

Title (de)
VORRICHTUNG UND VERFAHREN ZUR UNTERSUCHUNG EINER PROBENFLÜSSIGKEIT

Title (fr)
DISPOSITIF ET PROCEDE POUR ANALYSER UN ECHANTILLON LIQUIDE

Publication
EP 1899702 A2 20080319 (DE)

Application
EP 06742544 A 20060407

Priority
- EP 2006003156 W 20060407
- DE 102005016503 A 20050409
- DE 102005016509 A 20050409
- DE 102005042601 A 20050907

Abstract (en)
[origin: WO2006108559A2] Disclosed are a device and a method for analyzing a sample liquid, particularly the ELISA method being very easy, fast, and highly accurate to carry out. According to the invention, a sample liquid and a diluting liquid are fed to several dosing chambers having different volumes such that the sample liquid can be diluted into associated reaction chambers at different dilution ratios in a dilution step. Different liquids can be delivered successively to the reaction chambers by means of a common receiving chamber. The liquids are transferred from the reaction chambers into associated test chambers in order to stop the detection reaction.

IPC 8 full level
B01F 13/00 (2006.01); **B01L 3/00** (2006.01); **G01N 1/18** (2006.01); **G01N 1/38** (2006.01)

CPC (source: EP US)
B01F 33/30 (2022.01 - EP US); **B01L 3/5025** (2013.01 - EP US); **B01L 3/50273** (2013.01 - EP US); B01L 2200/0605 (2013.01 - EP US); B01L 2200/0621 (2013.01 - EP US); B01L 2300/0806 (2013.01 - EP US); B01L 2300/0816 (2013.01 - EP US); B01L 2300/0864 (2013.01 - EP US); B01L 2300/0867 (2013.01 - EP US); B01L 2300/087 (2013.01 - EP US); B01L 2400/0406 (2013.01 - EP US); B01L 2400/0409 (2013.01 - EP US); B01L 2400/0688 (2013.01 - EP US); Y10T 436/25375 (2015.01 - EP US); Y10T 436/2575 (2015.01 - EP US)

Citation (search report)
See references of WO 2006108559A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006108559 A2 20061019; **WO 2006108559 A3 20070322**; EP 1899702 A2 20080319; JP 2008534972 A 20080828; JP 4837725 B2 20111214; US 2007189927 A1 20070816; US 7731907 B2 20100608

DOCDB simple family (application)
EP 2006003156 W 20060407; EP 06742544 A 20060407; JP 2008504691 A 20060407; US 27903006 A 20060407