

Title (en)  
DEVICE FOR HANDLING LIQUID SAMPLES

Title (de)  
VORRICHTUNG ZUR HANDHABUNG VON FLÜSSIGEN PROBEN

Title (fr)  
DISPOSITIF POUR LA MANIPULATION D'ÉCHANTILLONS DE LIQUIDE

Publication  
**EP 2134472 A4 20141001 (EN)**

Application  
**EP 08741914 A 20080415**

Priority  
• SE 2008050424 W 20080415  
• US 92379807 P 20070416  
• SE 0700930 A 20070416

Abstract (en)  
[origin: WO2008127191A1] There is disclosed a device for handling liquid samples, said device comprising: a) projections substantially perpendicular to the surface of said device, said projections having a height, diameter and a distance between the projections capable of generating capillary flow, lateral to said surface, of a fluid, b) at least one zone for receiving a sample, c) at least one sink with a capacity of receiving said liquid, said at least one sink exerting at least two different capillary forces on said liquid, d) at least two flow paths connecting said at least one zone for receiving a sample and said at least one sink, said flow paths exerting at least two different capillary forces on said liquid, e) at least one connection between said at least two flow paths.

IPC 8 full level  
**B01L 3/00** (2006.01); **F16K 99/00** (2006.01)

CPC (source: EP)  
**B01L 3/50273** (2013.01); **B01L 3/502746** (2013.01); **F16K 99/0017** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0861** (2013.01); **B01L 2300/0887** (2013.01); **B01L 2400/0406** (2013.01); **B01L 2400/086** (2013.01); **F16K 2099/0084** (2013.01)

Citation (search report)  
• [XI] WO 03103835 A1 20031218 - AAMIC AB [SE], et al  
• [XY] WO 2005118139 A1 20051215 - AAMIC AB [SE], et al  
• [Y] WO 2005075975 A1 20050818 - NEC CORP [JP], et al & US 2007160474 A1 20070712 - IIDA KAZUHIRO [JP]  
• [A] US 6156270 A 20001205 - BUECHLER KENNETH FRANCIS [US]  
• See references of WO 2008127191A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008127191 A1 20081023**; CA 2683920 A1 20081023; CA 2683920 C 20160531; CN 101678355 A 20100324; CN 101678355 B 20121114; EP 2134472 A1 20091223; EP 2134472 A4 20141001; JP 2010525319 A 20100722; JP 5425757 B2 20140226; SE 0700930 L 20080122; SE 529978 C2 20080122

DOCDB simple family (application)  
**SE 2008050424 W 20080415**; CA 2683920 A 20080415; CN 200880012452 A 20080415; EP 08741914 A 20080415; JP 2010504015 A 20080415; SE 0700930 A 20070416