

Title (en)

SAMPLING DEVICE FOR FLUID PRODUCTS

Title (de)

PROBEVORRICHTUNG FÜR FLIESSFÄHIGE STOFFE

Title (fr)

DISPOSITIF D'ÉCHANTILLON POUR PRODUITS FLUIDES

Publication

EP 2109381 A1 20091021 (FR)

Application

EP 08775647 A 20080118

Priority

- FR 2008050076 W 20080118
- FR 0752824 A 20070123

Abstract (en)

[origin: FR2911714A1] The device has two superimposed sheets (1, 2) connected together by a retaining element (3) e.g. paper type retaining element, where one sheet (1) is in form of a disk. The sheets have internal surfaces (1a, 2a) turned one towards another to come in contact with each other. The surface (1a) has a microcapsule zone (4) with microcapsules containing a fluid product. The surfaces slide between them with the friction between masked and exposed positions of the zone while being connected by the element to break the microcapsules and to progressively release the product contained in the microcapsules.

IPC 8 full level

A45D 34/00 (2006.01)

CPC (source: EP US)

A45D 34/00 (2013.01 - EP US); **A45D 40/0087** (2013.01 - EP US)

Citation (search report)

See references of WO 2008125757A1

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)

FR 2911714 A1 20080725; FR 2911714 B1 20090417; BR PI0807411 A2 20140527; CN 101594804 A 20091202; EP 2109381 A1 20091021; EP 2109381 B1 20140115; ES 2456216 T3 20140421; US 2010048449 A1 20100225; US 8404629 B2 20130326; WO 2008125757 A1 20081023

DOCDB simple family (application)

FR 0752824 A 20070123; BR PI0807411 A 20080118; CN 200880002927 A 20080118; EP 08775647 A 20080118; ES 08775647 T 20080118; FR 2008050076 W 20080118; US 52410508 A 20080118