

Title (en)
Cartridge, centrifuge and method

Title (de)
Kartusche, Zentrifuge sowie Verfahren

Title (fr)
Cartouche, centrifugeuse et procédé

Publication
EP 2532427 A2 20121212 (DE)

Application
EP 12163525 A 20120410

Priority
DE 102011077115 A 20110607

Abstract (en)
The cartridge (100) has a drum (108) with a first mixing chamber (124), and a displacement device rotating the drum about a central axis (104) to connect the chamber to a second chamber (126) in a liquid-conducting manner, a gas-conducting manner, or a particle-conducting manner. An electric switch is actuated by the displacement device between a closed switching state and an open switching state. The displacement device includes an inclined surface interacting with an inclined surface of the drum to move the drum from a first position into a second position. Independent claims are included for: (1) A centrifuge comprising the above cartridge. (2) A method for processing a component in a cartridge.

Abstract (de)
Die vorliegende Erfindung schafft eine Kartusche (100), aufweisend eine erste Trommel (108), welche eine erste Kammer (124) aufweist, eine Verstelleinrichtung (300), welche dazu eingerichtet ist, die erste Trommel (108) um deren Mittelachse (104) zu drehen, um dadurch die erste Kammer (124) mit einer zweiten Kammer (120, 122) leitend zu verbinden, und einen elektrischen Schalter (500), welcher mittels der Verstelleinrichtung (300) zwischen einem geschlossenen und einem geöffneten Schaltzustand betätigbar ist.

IPC 8 full level
B01L 3/00 (2006.01); **B01F 31/42** (2022.01)

CPC (source: EP US)
B01F 29/15 (2022.01 - EP US); **B01F 29/321** (2022.01 - EP US); **B01F 31/42** (2022.01 - EP US); **B01F 33/4533** (2022.01 - EP US); **B01F 35/2207** (2022.01 - EP US); **B01F 35/7137** (2022.01 - EP US); **B01F 35/7161** (2022.01 - EP US); **B01F 35/71725** (2022.01 - EP US); **B01L 3/5021** (2013.01 - EP US); **B01L 2200/16** (2013.01 - EP US); **B01L 2300/0672** (2013.01 - EP US); **B01L 2300/0841** (2013.01 - EP US); **B01L 2300/1827** (2013.01 - EP US); **B01L 2400/0409** (2013.01 - EP US)

Citation (applicant)
DE 102006003532 A1 20070726 - INST MIKROTECHNIK MAINZ GMBH [DE]

Cited by
EP2532426A3; EP2532428A3; US9272278B2; US9475043B2

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 2532427 A2 20121212; **EP 2532427 A3 20130327**; **EP 2532427 B1 20140611**; CN 102814241 A 20121212; CN 102814241 B 20160504; DE 102011077115 A1 20121213; US 2012314532 A1 20121213; US 9399214 B2 20160726

DOCDB simple family (application)
EP 12163525 A 20120410; CN 201210184100 A 20120606; DE 102011077115 A 20110607; US 201213491022 A 20120607