

Title (en)

METHOD AND DEVICE FOR MIXING A HETEROGENEOUS SOLUTION TO OBTAIN A HOMOGENEOUS SOLUTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MISCHEN EINER HETEROGENEN LÖSUNG ZUR ERZIELUNG EINER HOMOGENEN LÖSUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MÉLANGE D'UNE SOLUTION HÉTÉROGÈNE EN SOLUTION HOMOGÈNE

Publication

EP 2480323 B1 20141112 (FR)

Application

EP 10769027 A 20100924

Priority

- FR 0904580 A 20090925
- FR 2010052008 W 20100924

Abstract (en)

[origin: WO2011039453A1] The present application relates to a method for mixing a heterogeneous solution containing at least two different liquids and, optionally, at least one solid entity in order to obtain a homogeneous solution, the method including the following steps: a) placing all or part of the heterogeneous solution in at least one container having a longitudinal axis; b) positioning the container on a mounting moving about an axis of rotation, the longitudinal axis being tilted relative to the axis of rotation; c) setting the mounting in motion in order to subject the solution contained in the container to a series of accelerations and decelerations, the intensity of which is sinusoidal, so as to agitate said heterogeneous solution which becomes homogeneous. The application also relates to a device for implementing the above method. Said application can preferably be used in the field of medical diagnosis.

IPC 8 full level

B01F 11/00 (2006.01); **B01F 3/08** (2006.01); **B01F 3/12** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP US)

B01F 31/10 (2022.01 - EP US); **B01F 31/22** (2022.01 - EP US); **B01F 23/40** (2022.01 - EP US); **B01F 23/50** (2022.01 - EP US); **B01F 2101/23** (2022.01 - EP US); **B01F 2215/0422** (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)

FR 2950541 A1 20110401; **FR 2950541 B1 20111021**; EP 2480323 A1 20120801; EP 2480323 B1 20141112; JP 2013505821 A 20130221; JP 5683595 B2 20150311; US 2012182829 A1 20120719; US 9084974 B2 20150721; WO 2011039453 A1 20110407

DOCDB simple family (application)

FR 0904580 A 20090925; EP 10769027 A 20100924; FR 2010052008 W 20100924; JP 2012530320 A 20100924; US 201013497993 A 20100924