

Title (en)

Vibration mixer for use in a simultaneous analyzing device

Title (de)

Vibrationsmischer für eine Simultan-Analysevorrichtung

Title (fr)

Vibro-mélangeur pour un dispositif d'analyses simultanées

Publication

EP 1724004 A1 20061122 (EN)

Application

EP 05010773 A 20050518

Priority

EP 05010773 A 20050518

Abstract (en)

A vibration mixer (100) for use in a simultaneous analyzer includes a carrier (30) for holding solutions or reagents for mixing, a first motion unit (10) for reciprocating the carrier in a first direction, and a second motion unit (20) for reciprocating the carrier in a second direction perpendicular to the first direction. The first and second motion units each have two parallel rails (11,12,21,22), a sliding device (13,23) coupled to and movable along the rails, and a drive (14,24) coupled to the sliding device and controllable to reciprocate the sliding device in the first or second direction.

IPC 8 full level

B01F 11/00 (2006.01)

CPC (source: EP)

B01F 31/20 (2022.01); **B01F 31/24** (2022.01); **B01F 35/20** (2022.01); **B01F 2101/23** (2022.01)

Citation (search report)

- [X] US 5934804 A 19990810 - BRANSON JOHN [GB], et al
- [A] DE 19713993 A1 19980528 - SCHULZ JOACHIM DIPL ING [DE]
- [A] US 6299344 B1 20011009 - TANNENBAUM MYRON [US]
- [A] EP 1201297 A1 20020502 - HERZ HELMUT [DE], et al
- [A] US 4747693 A 19880531 - KAHL MURRAY [US]
- [A] US 5215376 A 19930601 - SCHULTE HARVEY [US], et al

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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