

Title (en)

SHAKING APPARATUS FOR SHAKING SAMPLE VESSELS IN THE FORM OF TEST TUBES OR SIMILAR ITEMS

Title (de)

SCHÜTTELGERÄT ZUM SCHÜTTELN VON PROBENGEFÄSSEN IN FORM VON REAGENZGLASRÖHRCHEN ODER DERGLEICHEN

Title (fr)

AGITATEUR POUR AGITER DES RECIPIENTS D'ECHANTILLONNAGE SOUS FORME DE TUBES A ESSAIS OU ANALOGUE

Publication

EP 0952887 B1 20010829 (DE)

Application

EP 98905295 A 19980114

Priority

- DE 29700725 U 19970116
- EP 9800187 W 19980114

Abstract (en)

[origin: WO9831457A1] The invention relates to a shaking apparatus for test tubes, comprising an electric shaker drive (29) and a seat for sample vessels (19) which is driven by the shaker drive (29) so that it carries out oscillating movements. The shaker drive (29) has an on/off switch (43), which can be switched on by placing a test tube (23) onto the seat for sample vessels (19) and switched off by removing the test tube (23) from the seat for sample vessels (19). The shaking apparatus is configured as a battery-operated, mobile, hand-held apparatus (1) and has a handle section (11) which can be gripped by one hand of an operator. The operator can freely hold the shaking apparatus (1) with this hand and with the other hand handle the test tube (23) to place it on the seat for sample vessels (19) and support it against said seat during the shaking process.

IPC 1-7

B01F 11/00

IPC 8 full level

B01F 11/00 (2006.01); **B01L 99/00** (2010.01)

CPC (source: EP US)

B01L 99/00 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

WO 9831457 A1 19980723; AT E204785 T1 20010915; AU 6093998 A 19980807; BR 9807491 A 20000321; DE 29700725 U1 19980520; DE 59801306 D1 20011004; EP 0952887 A1 19991103; EP 0952887 B1 20010829; ES 2160401 T3 20011101; PT 952887 E 20020228

DOCDB simple family (application)

EP 9800187 W 19980114; AT 98905295 T 19980114; AU 6093998 A 19980114; BR 9807491 A 19980114; DE 29700725 U 19970116; DE 59801306 T 19980114; EP 98905295 A 19980114; ES 98905295 T 19980114; PT 98905295 T 19980114