

Title (en)

Individual closure and closure carrier for reaction wells, storage and dispensing device for individual closures

Title (de)

Verschlusssträger und Einzelverschluss für Reaktionsgefäße sowie Vorrats- und Abgabeeinrichtung für Einzelverschlüsse

Title (fr)

Fermeture individuelle et support de fermetures pour récipients de réaction, et dispositif de stockage et de distribution de telles fermetures

Publication

EP 1132135 B1 20050803 (DE)

Application

EP 01104986 A 20010301

Priority

DE 10013240 A 20000309

Abstract (en)

[origin: EP1132135A2] Microbial reactor array for preventing contamination comprising removable plugs fastened in carrier over-reactors, is new. Closure sections of individual plugs (3) can pass through the carrier (6) in both directions. Individual plugs are so fastened to the carrier that with the carrier set down on the reaction vessels (2), each individual plug can be removed separately from the carrier and from the reaction vessel. An Independent claim is also included for a storage and dispensing unit for individual plugs which facilitates contamination-free processing.

IPC 1-7

B01L 3/00; **B65D 51/00**

IPC 8 full level

G01N 33/48 (2006.01); **B01L 3/00** (2006.01); **B65D 51/00** (2006.01); **C12M 1/00** (2006.01); **G01N 1/00** (2006.01); **G01N 1/10** (2006.01); **G01N 35/02** (2006.01)

CPC (source: EP US)

B01L 3/50853 (2013.01 - EP US)

Cited by

EP2098295A1; DE10142960A1; DE10142960C2; US6666978B2; US8206665B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1132135 A2 20010912; **EP 1132135 A3 20030625**; **EP 1132135 B1 20050803**; AT E301000 T1 20050815; DE 10013240 A1 20011011; DE 50106928 D1 20050908; JP 2001330537 A 20011130; US 2001036426 A1 20011101

DOCDB simple family (application)

EP 01104986 A 20010301; AT 01104986 T 20010301; DE 10013240 A 20000309; DE 50106928 T 20010301; JP 2001065881 A 20010309; US 80193001 A 20010309