

Title (en)

DISPOSABLE IMMUNOASSAY AND BIOCHEMICAL TEST DEVICE SUITABLE FOR FIELD AND OFFICE USE.

Title (de)

WEGWERFIMMUNTESTSATZ FÜR DRAUSSEN UND FÜR LABOR.

Title (fr)

DISPOSITIF JETABLE D'IMMUNOANALYSE ET DE TEST BIOCHIMIQUE ADAPTE POUR UNE UTILISATION SUR SITE ET EN LABORATOIRE.

Publication

**EP 0302933 A4 19900410 (EN)**

Application

**EP 88902712 A 19880224**

Priority

US 1804387 A 19870224

Abstract (en)

[origin: WO8806723A1] A disposable biochemical test apparatus for use in filter assays and static assays. A preferred form of the apparatus is substantially rectangular, comprising an upper surface (13), trapezoidal side support walls (15) providing stability, a bottom surface (11), and end plates (16, 17) at each end. The upper surface (13) forms a planar template containing six tapered cylindrical apertures or wells (12) arranged linearly and extending through the template. Underlying the template is a microporous membrane (14) bonded to the lower surface of the template. One of the end plates (17) has an exit port (19) which provides an exit for fluids from the enclosed region. The bottom surface (11) forms an exit ramp (18) slanting upward from the exit port (19) to the other end plate (16). The apparatus is provided as a single unit which may be disposed of after use. In use a syringe aspirates fluid by providing gentle vacuum through the exit port (19).

IPC 1-7

**B01D 25/04; G01N 1/18**

IPC 8 full level

**B01D 61/18** (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP)

**B01D 61/18** (2013.01); **B01L 3/50255** (2013.01)

Citation (search report)

- [X] GB 2176601 A 19861231 - BIO RAD LABORATORIES
- [Y] EP 0131934 A2 19850123 - PANDEX LAB INC [US]
- [A] WO 8603589 A1 19860619 - PHARMACIA AB [SE]
- See references of WO 8806723A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8806723 A1 19880907**; EP 0302933 A1 19890215; EP 0302933 A4 19900410

DOCDB simple family (application)

**US 8800584 W 19880224**; EP 88902712 A 19880224