

Title (en)

DEVICE AND METHOD FOR AUTOMATIC ANALYSIS OF SAMPLES ON GELS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUTOMATISCHEN ANALYSE VON PROBEN AUF GELEN

Title (fr)

DISPOSITIF ET PROCEDE D'ANALYSE AUTOMATIQUE D'ECHANTILLONS SUR GELS

Publication

**EP 0968433 A1 20000105 (FR)**

Application

**EP 98913855 A 19980306**

Priority

- FR 9800455 W 19980306
- FR 9703211 A 19970317

Abstract (en)

[origin: FR2760844A1] The invention concerns a device for the automatic chemical or biological analysis of samples to be manipulated, prepared and implanted in analysis solutions or on analysis gels to be analysed. Said device comprises a main frame (1) and a working surface (3) which are permanently integrated with at least one feed station (10) designed to receive at least one microplate (11) provided with a series of cells; at least one supply station (50) designed to receive at least one microplate (11) coated with analysis gel; a manipulator robot (30) capable of moving from the feed station (10) to the supply station (50) under the control of a central automatic steering unit to ensure, by means of a manipulating tool, the simultaneous taking of a unit volume of sample (13) in several cells of the microplate (11) then transfer and deposit in one operation said unit volumes in a predetermined location on the analysis gel, by means of a manipulating tool with replaceable head.

IPC 1-7

**G01N 35/00**; **G01N 27/447**

IPC 8 full level

**G01N 27/447** (2006.01); **G01N 35/00** (2006.01); **G01N 35/02** (2006.01)

CPC (source: EP)

**G01N 27/44704** (2013.01); **G01N 27/44756** (2013.01); **G01N 35/0099** (2013.01)

Citation (search report)

See references of WO 9841874A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**FR 2760844 A1 19980918**; **FR 2760844 B1 19990521**; CA 2283694 A1 19980924; EP 0968433 A1 20000105; JP 2001516452 A 20010925; WO 9841874 A1 19980924

DOCDB simple family (application)

**FR 9703211 A 19970317**; CA 2283694 A 19980306; EP 98913855 A 19980306; FR 9800455 W 19980306; JP 54018698 A 19980306