

Title (en)

METHOD AND DEVICE FOR ISOLATING AND/OR ANALYZING CHARGED BIOMOLECULES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ISOLIERUNG ODER/UND ANALYSE GELADENER BIOMOLEKÜLE

Title (fr)

PROCEDE ET DISPOSITIF POUR ISOLER OU/ET ANALYSER DES BIOMOLECULES CHARGEES

Publication

**EP 0988536 A1 20000329 (DE)**

Application

**EP 98930760 A 19980529**

Priority

- DE 19725190 A 19970614
- EP 9803216 W 19980529

Abstract (en)

[origin: DE19725190A1] The invention relates to a device for isolating and/or analyzing charged biomolecules, preferably nucleic acids, comprising: a substantially rigid plastic vessel with a collector chamber accommodating the reagents, whereby the collector chamber can be accessed from the outside by an opening in the vessel, and two electrodes which can be brought into contact with the reagents in the collector chamber. The inventive device also comprises a tube unit which is made of electrically nonconductive plastic and dimensioned or/and designed or/and arranged in such a way that at least one part of its inner surface can be brought into contact with reagents and/or samples contained in the collector chamber, wherein the tube unit and one of the electrodes are configured in such a way that said electrode in the tube unit can be brought into contact with reagents and/or samples. The inventive devices are particularly suitable for carrying out methods designed to isolate and/or analyze charged biomolecules.

IPC 1-7

**G01N 27/447**

IPC 8 full level

**G01N 27/416** (2006.01); **G01N 27/447** (2006.01); **G01N 33/543** (2006.01)

CPC (source: EP US)

**G01N 27/44704** (2013.01 - EP US); **G01N 33/5438** (2013.01 - EP US); **Y10T 436/143333** (2015.01 - EP US)

Citation (search report)

See references of WO 9858251A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

**DE 19725190 A1 19981217**; EP 0988536 A1 20000329; JP 2002504232 A 20020205; US 6264814 B1 20010724; WO 9858251 A1 19981223

DOCDB simple family (application)

**DE 19725190 A 19970614**; EP 9803216 W 19980529; EP 98930760 A 19980529; JP 50364699 A 19980529; US 44544799 A 19991214