

Title (en)

METHOD AND DEVICE FOR DISINTEGRATING BIOLOGICAL CELLS FOR THE PURPOSE OF EXTRACTING AND ANALYZING CELL CONTENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFSCHLUSS BIOLOGISCHER ZELLEN ZUR EXTRAKTION UND ANALYSE DER ZELLINHALTE

Title (fr)

PROCEDE ET DISPOSITIF DE DESINTEGRATION DE CELLULES BIOLOGIQUES EN VUE DE L'EXTRACTION ET DE L'ANALYSE DE LEUR CONTENU

Publication

EP 1034428 A1 20000913 (DE)

Application

EP 98960997 A 19981008

Priority

- DE 9802979 W 19981008
- DE 19752961 A 19971128

Abstract (en)

[origin: WO9928742A1] Disclosed is a method and a device for disintegrating biological cells for the purpose of extracting and analyzing the cell contents, especially nucleic acids. The invention is characterized in that the cells are exposed to an electric field and in that before or after being exposed to the electric field, the cells are brought into contact with substances supporting cell disintegration.

IPC 1-7

G01N 33/483; C12M 1/00; G01N 1/28

IPC 8 full level

C12M 1/00 (2006.01); **C12M 3/08** (2006.01); **C12N 1/06** (2006.01); **C12N 15/09** (2006.01); **C12N 15/10** (2006.01); **G01N 1/28** (2006.01);
G01N 1/44 (2006.01); **G01N 33/48** (2006.01)

CPC (source: EP)

C12M 47/06 (2013.01); **C12N 1/066** (2013.01); **C12N 15/1003** (2013.01); **G01N 1/44** (2013.01)

Citation (search report)

See references of WO 9928742A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9928742 A1 19990610; CA 2311429 A1 19990610; DE 19752961 C1 19990715; EP 1034428 A1 20000913; IL 136194 A0 20010520;
JP 2001525185 A 20011211

DOCDB simple family (application)

DE 9802979 W 19981008; CA 2311429 A 19981008; DE 19752961 A 19971128; EP 98960997 A 19981008; IL 13619498 A 19981008;
JP 2000523549 A 19981008