Title (en)

THERMALLY OPERATED CELL AND TISSUE CULTURE DEVICE

Title (de)

THERMISCH BETRIEBENE ZELL- UND GEWEBEKULTURVORRICHTUNG

Title (fr)

DISPOSITIF DE CULTURE CELLULAIRE ET TISSULAIRE A REGULATION THERMIQUE

Publication

EP 1381667 A1 20040121 (FR)

Application

EP 02735512 A 20020426

Priority

- FR 0201472 W 20020426
- FR 0105651 A 20010426

Abstract (en)

[origin: WO02088295A1] The invention concerns a cell and tissue culture device comprising at least a culture well (18-i), first (2)and second (25) reservoirs each housing at least a flexible pouch (6, 7; 27, 29) one of which at least can receive a culture fluid, linking means (20, 21) coupled to the well and the pouches for circulating the culture fluid from one reservoir to the other via the well, pressurising means (60-92) for applying to the pouches of the first (2) and second (25) reservoirs respectively first and/or second external pressure sequence(s) defined by a control module (50) and designed to control the culture fluid circulation in the well, temperature control means (49, 51-58) monitored by the control module and designed to maintain a first selected temperature inside the well and to set at a second selected temperature the culture fluid emerging from the first and second reservoirs for supplying the well.

IPC 1-7

C12M 1/00; C12M 1/02; C12M 3/00

IPC 8 full level

C12M 1/00 (2006.01); **C12M 1/02** (2006.01); **C12M 3/00** (2006.01)

CPC (source: EP)

C12M 23/12 (2013.01); **C12M 29/14** (2013.01); **C12M 41/22** (2013.01)

Citation (search report)

See references of WO 02088295A1

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)

WO 02088295 A1 20021107; CA 2445362 A1 20021107; EP 1381667 A1 20040121; FR 2824071 A1 20021031; FR 2824071 B1 20030801; IL 158602 A0 20040512; JP 2004524046 A 20040812

DOCDB simple family (application)

FR 0201472 W 20020426; CA 2445362 A 20020426; EP 02735512 A 20020426; FR 0105651 A 20010426; IL 15860202 A 20020426; JP 2002585578 A 20020426