

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

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Application

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Priority

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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

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CPC (source: EP)

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