

Title (en)

TECHNICAL PROCESS AND PLANT FOR EXTRACTION AND/OR ENCAPSULATION OF LIVING CELLS FROM ORGANS

Title (de)

TECHNISCHER PROZESS SOWIE ANLAGE ZUR GEWINNUNG UND/ODER VERKAPSELUNG VON LEBENDEN ZELLEN AUS ORGANEN

Title (fr)

PROCESSUS TECHNIQUE ET INSTALLATION POUR L'EXTRACTION ET/OU L'ENCAPSULATION DE CELLULES VIVANTES D'ORGANES

Publication

EP 1720982 A1 20061115 (DE)

Application

EP 05715481 A 20050223

Priority

- EP 2005001893 W 20050223
- DE 102004011400 A 20040305

Abstract (en)

[origin: WO2005087921A1] The invention relates to a method and corresponding plant for extraction and/or encapsulation of living cells from organs. In a first step, the organ comprising the cells is broken up in an enzymatic process into individual cells or cell agglomerations. The relevant cells are then isolated from the cell mixture thus obtained. The cells can then be encapsulated. The invention thus relates to a technical process and a plant combining said three steps.

IPC 8 full level

C12N 11/04 (2006.01); **C12M 3/08** (2006.01); **C12N 5/07** (2010.01); **C12N 5/071** (2010.01); **C12N 11/10** (2006.01)

CPC (source: EP US)

C12M 25/16 (2013.01 - EP US); **C12M 45/09** (2013.01 - EP US); **C12N 11/04** (2013.01 - EP US); **C12N 11/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2005087921A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004011400 A1 20050922; CA 2557778 A1 20050922; EP 1720982 A1 20061115; JP 2007535312 A 20071206; US 2008038807 A1 20080214; WO 2005087921 A1 20050922

DOCDB simple family (application)

DE 102004011400 A 20040305; CA 2557778 A 20050223; EP 05715481 A 20050223; EP 2005001893 W 20050223; JP 2007501173 A 20050223; US 59128005 A 20050223