

Title (en)

NON-RECIRCULATING ORGAN PERFUSION DEVICE

Title (de)

ORGANPERFUSIONSVORRICHTUNG OHNE RÜCKFÜHRUNG

Title (fr)

DISPOSITIF DE PERFUSION D'ORGANE SANS REMISE EN CIRCULATION

Publication

EP 1981335 A2 20081022 (EN)

Application

EP 07717438 A 20070126

Priority

- US 2007061101 W 20070126
- US 76271106 P 20060127

Abstract (en)

[origin: WO2007090044A2] The invention relates to a portable organ perfusion device to be used for storage and transport of an ex vivo organ, comprising a compression means for removing perfusion fluid from a perfusion fluid container, a means for adjusting flow rate of perfusion fluid, an organ container for receiving an organ and a quantity of perfusion fluid, an organ connector for forming a fluid connection between the means for adjusting flow rate and the vasculature of the organ, and a waste container for receiving used perfusion fluid. The components of the device are connected by medically suitable tubing and the explanted organ and perfusion fluid are maintained at a hypothermic temperature.

IPC 8 full level

A01N 1/00 (2006.01)

CPC (source: EP)

A01N 1/02 (2013.01); **A01N 1/0247** (2013.01)

Citation (search report)

See references of WO 2007090044A2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007090044 A2 20070809; **WO 2007090044 A3 20071101**; EP 1981335 A2 20081022; JP 2009524693 A 20090702

DOCDB simple family (application)

US 2007061101 W 20070126; EP 07717438 A 20070126; JP 2008552586 A 20070126