

Title (en)
DEVICE SUITABLE FOR CENTRIFUGING AND METHOD USING SAME

Title (de)
VORRICHTUNG ZUM ZENTRIFUGIEREN UND VERFAHREN DAMIT

Title (fr)
DISPOSITIF ADAPTÉ À LA CENTRIFUGATION ET PROCÉDÉ L'UTILISANT

Publication
EP 3389867 A1 20181024 (FR)

Application
EP 16826108 A 20161216

Priority
• FR 1562747 A 20151218
• FR 2016053509 W 20161216

Abstract (en)
[origin: WO2017103524A1] The present invention relates to a device for treating a biological fluid containing cells suspended in a liquid. The treatment device is intended to be used during a centrifuging step for separating the cells from the liquid. The treatment device includes: a pouch suitable for receiving the biological fluid, the pouch having top and bottom edges that are separated from each other along a longitudinal axis, the pouch being formed of two flexible layers that are placed one on top of the other and are rigidly interconnected along a rigid-connection area, the rigid-connection area being provided so as to form, between both layers, an inner space for receiving the biological fluid and at least one opening suitable for placing the inner space in communication with an outer environment, and at least one sealing member placed in the opening so as to selectively open and close the opening. The treatment device is characterized in that the inner space has: a top portion formed near the top edge and intended for receiving the supernatant liquid of the biological fluid after the centrifuging step, and a neck formed near the bottom edge and intended for receiving a residue of cells from the biological fluid after the centrifuging step. The top portion and the neck each have widths that are measured transversely relative to the longitudinal axis. The width of the neck is less than the width of the top portion.

IPC 8 full level
B01L 3/00 (2006.01); **B04B 5/04** (2006.01)

CPC (source: EP US)
B01L 3/5021 (2013.01 - EP US); **B01L 3/505** (2013.01 - EP US); **G01N 1/4077** (2013.01 - US); **B01L 2200/0647** (2013.01 - US); **B01L 2200/0689** (2013.01 - US); **B01L 2300/049** (2013.01 - EP US); **B01L 2300/0887** (2013.01 - EP US); **B01L 2300/123** (2013.01 - EP US)

Citation (search report)
See references of WO 2017103524A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017103524 A1 20170622; CA 3008320 A1 20170622; EP 3389867 A1 20181024; FR 3045417 A1 20170623; FR 3045417 B1 20180720; US 2018361374 A1 20181220

DOCDB simple family (application)
FR 2016053509 W 20161216; CA 3008320 A 20161216; EP 16826108 A 20161216; FR 1562747 A 20151218; US 201616061166 A 20161216