

Title (en)

METHOD AND SYSTEM FOR REMOVING OXYGEN AND CARBON DIOXIDE DURING RED CELL BLOOD PROCESSING USING AN INERT CARRIER GAS AND MANIFOLD ASSEMBLY

Title (de)

VERFAHREN UND SYSTEM ZUR ENTFERNUNG VON SAUERSTOFF UND KOHLENDIOXID WÄHREND EINER ERYTHROZYTENBEHANDLUNG MITHILFE EINES TRÄGEN TRÄGERGASES UND VERTEILERANORDNUNG

Title (fr)

PROCÉDÉ ET SYSTÈME POUR ÉLIMINER L'OXYGÈNE ET LE DIOXYDE DE CARBONE PENDANT LE TRAITEMENT D'ÉRYTHROCYTES EN UTILISANT UN GAZ VECTEUR INERTE ET ENSEMBLE DE COLLECTEUR

Publication

EP 2691160 A4 20150408 (EN)

Application

EP 12821624 A 20120328

Priority

- US 201161468377 P 20110328
- US 2012030930 W 20120328

Abstract (en)

[origin: WO2013022491A1] A portable assembly for processing red blood cells RBCs including a disposable blood collection set including a blood bag, an anaerobic storage bag and an oxygen and/or oxygen and carbon dioxide depletion device disposed between the blood collection bag and anaerobic storage bag. The portable assembly further provides for a gas circulation device in fluid communication with the oxygen or oxygen and carbon dioxide depletion device. The gas circulation device includes a pressure source that is able circulate flushing gas through the depletion device as RBCs pass from the blood collection bag, through the depletion device and into the anaerobic storage bag.

IPC 8 full level

B01D 33/15 (2006.01)

CPC (source: CN EP)

A61M 1/0209 (2013.01 - CN EP); **A61M 1/0218** (2014.02 - CN EP); **A61M 2202/0429** (2013.01 - CN EP)

Citation (search report)

- [XII] US 2008027368 A1 20080131 - KOLLAR KEVIN J [US], et al
- [A] WO 03043419 A1 20030530 - HEMANEXT LLC [US]
- [A] WO 9639026 A1 19961212 - UNIV CALIFORNIA [US], et al
- See references of WO 2013022491A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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