

Title (en)

Centrifuge Apparatus, Centrifuge Tube, and Method for Automated Cell Preparation

Title (de)

Zentrifugenvorrichtung, Zentrifugenröhrchen, und Verfahren zur automatisierten Zellvorbereitung

Title (fr)

Appareil de centrifugation, tube de centrifugeuse et procédé de préparation cellulaire automatisé

Publication

**EP 2842632 A1 20150304 (EN)**

Application

**EP 13181633 A 20130825**

Priority

EP 13181633 A 20130825

Abstract (en)

An automated centrifuge apparatus (300) for conducting a cell preparation procedure is provided. A rotor assembly (304) supports centrifuge tubes (310), which are installable at respective tube positions (P 1 -P 4 ). The tube positions are indexable to an index location (336). A sensing module (324) monitors the index location during a set of status checks, which relate to the centrifuge tubes (310). Logic signals generated by the sensing module (324) are used to automatically determine whether the status checks are satisfied.

IPC 8 full level

**B04B 5/04** (2006.01); **B04B 7/06** (2006.01); **B04B 9/14** (2006.01); **B04B 13/00** (2006.01)

CPC (source: EP)

**B01L 3/5082** (2013.01); **B04B 5/0421** (2013.01); **B04B 7/06** (2013.01); **B04B 9/146** (2013.01); **B04B 13/00** (2013.01); **B01L 9/06** (2013.01); **B01L 2300/0851** (2013.01); **B01L 2300/0858** (2013.01); **B01L 2400/0409** (2013.01)

Citation (search report)

- [X] US 2003148867 A1 20030807 - HAYASAKA HIROSHI [JP]
- [X] EP 0088440 A2 19830914 - HITACHI LTD [JP]
- [X] DE 102006027680 A1 20071220 - QIAGEN GMBH [DE]

Cited by

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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)

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