

Title (en)

ARRANGEMENT FOR QUANTIFYING CELLS OF A CELL SUSPENSION

Title (de)

ANORDNUNG ZUR QUANTIFIZIERUNG VON ZELLEN EINER ZELLSUSPENSION

Title (fr)

DISPOSITIF DE QUANTIFICATION DE CELLULES D'UNE SUSPENSION CELLULAIRE

Publication

EP 2839262 A1 20150225 (DE)

Application

EP 13733996 A 20130624

Priority

- DE 102012211626 A 20120704
- EP 2013063128 W 20130624

Abstract (en)

[origin: WO2014005869A1] The invention relates to an arrangement for quantifying cells of a cell suspension and enriching marked cells, said arrangement having a fluid channel for routing the cell suspension with a first cross-section and a magnetic sensor on the fluid channel for counting magnetically marked cells in the cell suspension, wherein the fluid channel has an enrichment region with a second cross-section which is larger than the first cross-section, a magnet being arranged on at least one side of the enrichment region.

IPC 8 full level

G01N 15/10 (2006.01); **B01L 3/00** (2006.01); **B03C 1/01** (2006.01); **B03C 1/28** (2006.01); **G01N 33/543** (2006.01)

CPC (source: EP US)

B01L 3/502761 (2013.01 - EP US); **B03C 1/01** (2013.01 - EP US); **B03C 1/288** (2013.01 - EP US); **G01N 15/1031** (2013.01 - EP US); **G01N 33/54326** (2013.01 - EP US); **B01L 2200/0652** (2013.01 - EP US); **B01L 2200/0668** (2013.01 - EP US); **B01L 2300/0627** (2013.01 - US); **B01L 2300/0816** (2013.01 - EP US); **B01L 2300/0851** (2013.01 - EP US); **B01L 2400/043** (2013.01 - EP US); **B03C 2201/18** (2013.01 - EP US); **B03C 2201/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2014005869A1

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)

DE 102012211626 A1 20140109; CN 104380080 A 20150225; EP 2839262 A1 20150225; US 2015209784 A1 20150730; WO 2014005869 A1 20140109

DOCDB simple family (application)

DE 102012211626 A 20120704; CN 201380034979 A 20130624; EP 13733996 A 20130624; EP 2013063128 W 20130624; US 201314412543 A 20130624