

Title (en)

FILTERING PARTICLES FROM BLOOD OR OTHER MEDIA

Title (de)

FILTERN VON PARTIKELN AUS BLUT ODER ANDEREN MEDIEN

Title (fr)

FILTRATION DE PARTICULES PRÉSENTES DANS LE SANG OU D'AUTRES MILIEUX

Publication

EP 2748581 A1 20140702 (EN)

Application

EP 12781170 A 20121024

Priority

- US 201161550947 P 20111025
- EP 11188536 A 20111110
- IB 2012055844 W 20121024

Abstract (en)

[origin: WO2013061257A1] A filter element (200) and a method are disclosed for retaining particles of a medium, for example (rare) cells of blood. The filter element (200) comprises at least one opening (220) that (i) has an elongate cross section and/or (ii) has a cross section that decreases in flow direction (x) and/or (iii) is bordered by a transparent wall. Preferably, the filter element (100, 200, 300) is provided with a plurality of elongate openings (220) of stepwise decreasing cross section that are arranged on a common transparent slide. Thus high flow rates can be realized throughout the filtering process, and the retained particles are immediately ready for visual inspection without a need for a further transfer.

IPC 8 full level

G01N 15/14 (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP)

B01L 3/502753 (2013.01); **G01N 15/1433** (2024.01)

Citation (search report)

See references of WO 2013061257A1

Citation (examination)

US 2011065181 A1 20110317 - HVICHIA GEORGE [US], et al

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

DOCDB simple family (publication)

WO 2013061257 A1 20130502; EP 2748581 A1 20140702

DOCDB simple family (application)

IB 2012055844 W 20121024; EP 12781170 A 20121024