Title (en)

METHOD AND APPARATUS FOR PURIFYING BIOLOGICAL MOLECULES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFREINIGUNG VON BIOLOGISCHEN MOLEKÜLEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PURIFICATION DE MOLÉCULES BIOLOGIQUES

Publication

EP 3134505 A1 20170301 (DE)

Application

EP 15717482 A 20150417

Priority

- DE 102014207774 A 20140425
- EP 2015058348 W 20150417

Abstract (en)

[origin: WO2015162059A1] In a method and apparatus for purifying biological molecules, especially nucleic acids or proteins, at least one filter (50) is used. At least some of the fluids needed for the operation are pumped in a circuit (51) via the filter (50). First a fluid with biological cells is pumped via the filter (50). The cells retained on the filter are digested. To bind the biological molecules to the filter, binding buffer is pumped in the circuit (51) via the filter (50). A washing buffer for cleaning the biological molecules bound to the filter is pumped via the filter (50), and so the biological molecules bound to the filter are available for further use.

IPC 8 full level

C12N 1/06 (2006.01); **B01D 61/14** (2006.01); **C12M 1/00** (2006.01); **C12N 15/10** (2006.01)

CPC (source: CN EP KR US)

C07K 1/34 (2013.01 - KR); **C12M 23/16** (2013.01 - KR); **C12M 47/02** (2013.01 - CN EP KR US); **C12M 47/06** (2013.01 - CN EP KR US); **C12M 47/10** (2013.01 - US); **C12M 47/12** (2013.01 - CN EP KR US); **C12N 1/06** (2013.01 - CN EP KR US); **C12N 15/1017** (2013.01 - KR)

Citation (search report)

See references of WO 2015162059A1

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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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DOCDB simple family (application)

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