

Title (en)

METHOD FOR EXTRACTING NUCLEIC ACID AND EXTRACTION CASSETTE THEREOF

Title (de)

VERFAHREN ZUR EXTRAKTION VON NUKLEINSÄURE UND EXTRAKTIONSKASSETTE DAFÜR

Title (fr)

PROCÉDÉ D'EXTRACTION D'ACIDE NUCLÉIQUE ET CASSETTE D'EXTRACTION CORRESPONDANTE

Publication

EP 3505253 A1 20190703 (EN)

Application

EP 18215536 A 20181221

Priority

- US 201762610444 P 20171226
- CN 201811535018 A 20181214

Abstract (en)

The present invention provides an extraction cassette, which includes an extraction module. The extraction module includes an extraction module body, an expansion compartment, a reaction compartment, a filter, a collection compartment, a first waste-liquid compartment and a second waste-liquid compartment. The expansion compartment is formed on the extraction module body. The reaction compartment includes a reaction compartment inlet, a reaction compartment outlet and a reaction compartment notch, the expansion compartment is connected to the reaction compartment notch, and the reaction compartment notch is located between the reaction compartment inlet and the reaction compartment outlet. The filter is disposed in the reaction compartment and corresponding to the reaction compartment outlet. The collection compartment communicates with the reaction compartment outlet. The first waste-liquid compartment communicates with the reaction compartment outlet. The second waste-liquid compartment communicates with the reaction compartment outlet.

IPC 8 full level

B01L 3/00 (2006.01); **C12N 15/10** (2006.01)

CPC (source: EP)

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Citation (applicant)

- US 201615018067 A 20160208
- CN 201811535018 A 20181214

Citation (search report)

- [I] GB 2516666 A 20150204 - ATLAS GENETICS LTD [GB]
- [A] US 2008153078 A1 20080626 - BRAMAN JEFFREY C [US], et al

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CN114062094A

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

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