

Title (en)

METHOD FOR EXTRACTING NUCLEIC ACID AND EXTRACTION CASSETTE THEREOF

Title (de)

VERFAHREN ZUR EXTRAKTION VON NUKLEINSÄURE UND EXTRAKTIONS KASSETTE DAFÜR

Title (fr)

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

Publication

EP 3505252 A3 20190717 (EN)

Application

EP 18215506 A 20181221

Priority

- US 201762610444 P 20171226
- CN 201811532891 A 20181214

Abstract (en)

The present invention provides an extraction cassette, which includes an extraction module and a liquid receiving module. The liquid receiving module communicates with the extraction module. The liquid receiving module includes a receiving module body, a sample compartment, a sealing member, an alcohol compartment and a first path. The receiving module body includes a first side, a second side and a sample feeding hole. The sample compartment is formed on the receiving module body. The sample compartment communicates with the sample feeding hole, the sample compartment includes a first sample compartment connection hole and a second sample compartment connection hole. The sealing member is adapted to seal the sample feeding hole. The alcohol compartment is formed on the receiving module body. The alcohol compartment communicates with the first sample compartment connection hole of the first sample compartment via the first path.

IPC 8 full level

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

CPC (source: EP)

B01L 3/502 (2013.01); **B01L 3/527** (2013.01); **B01L 2200/0631** (2013.01); **B01L 2200/0689** (2013.01); **B01L 2200/16** (2013.01);
B01L 2300/028 (2013.01); **B01L 2300/042** (2013.01)

Citation (search report)

- [YA] US 2015024436 A1 20150122 - EBERHART DAVID [US], et al
- [Y] US 2017015993 A1 20170119 - CHEN WANG-CHU [TW], et al
- [Y] US 2006019379 A1 20060126 - TAYLOR MICHAEL T [US], et al
- [Y] WO 2005121963 A2 20051222 - IQUUM INC [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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3505252 A2 20190703; EP 3505252 A3 20190717; EP 3505252 B1 20210224

DOCDB simple family (application)

EP 18215506 A 20181221