

Title (en)

METHOD FOR OPERATING AN ANALYSIS DEVICE, USE OF A CARTRIDGE, AND ANALYSIS DEVICE

Title (de)

VERFAHREN ZUM BETRIEB EINES ANALYSEGERÄTS, VERWENDUNG EINER KARTUSCHE UND ANALYSEGERÄT

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF D'ANALYSE, UTILISATION D'UNE CARTOUCHE ET DISPOSITIF D'ANALYSE

Publication

EP 4196269 A1 20230621 (DE)

Application

EP 21754719 A 20210721

Priority

- DE 102020210404 A 20200814
- EP 2021070376 W 20210721

Abstract (en)

[origin: WO2022033822A1] In a method according to the invention for operating an analysis device for carrying out an analysis process, more particularly by means of a polymerase chain reaction, a cartridge (1) having microfluidic channel-and-chamber structure (4) is provided. At least one film bag (50) containing a process liquid is disposed in a stick-pack chamber (52, 54) of the cartridge (1). In an opening step the stick-pack chamber or the stick-pack chamber (52, 54) in question is heated to a temperature of 80 to 130 degrees Celsius, and in the opening step the cartridge (1) rotates at a rotational speed of 20 to 80 Hz.

IPC 8 full level

B01L 3/00 (2006.01); **B01L 7/00** (2006.01)

CPC (source: EP KR US)

B01L 3/5027 (2013.01 - EP KR); **B01L 3/50273** (2013.01 - US); **B01L 7/52** (2013.01 - EP KR US); **B01L 2200/16** (2013.01 - EP KR US); **B01L 2300/0803** (2013.01 - EP KR US); **B01L 2300/087** (2013.01 - EP KR); **B01L 2300/0887** (2013.01 - EP KR); **B01L 2300/1805** (2013.01 - US); **B01L 2300/1827** (2013.01 - EP KR); **B01L 2400/0409** (2013.01 - EP KR US); **B01L 2400/0677** (2013.01 - EP KR)

Citation (search report)

See references of WO 2022033822A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022033822 A1 20220217; CN 116133753 A 20230516; DE 102020210404 A1 20220217; DE 102020210404 B4 20220714; EP 4196269 A1 20230621; JP 2023537143 A 20230830; KR 20230044538 A 20230404; US 2023191407 A1 20230622

DOCDB simple family (application)

EP 2021070376 W 20210721; CN 202180055314 A 20210721; DE 102020210404 A 20200814; EP 21754719 A 20210721; JP 2023510364 A 20210721; KR 20237008522 A 20210721; US 202318168709 A 20230214