

Title (en)
DEVICE FOR PERFORMING PCR

Title (de)
VORRICHTUNG ZUR DURCHFÜHRUNG EINER PCR

Title (fr)
DISPOSITIF PERMETTANT DE METTRE EN UVRE UNE PCR

Publication
EP 2337633 B1 20130213 (DE)

Application
EP 10795211 A 20101105

Priority
• DE 2010075120 W 20101105
• DE 102009044431 A 20091105

Abstract (en)
[origin: WO2011054353A1] The invention relates to a device (1) for performing a PCR method, wherein the device comprises at least one sample cell (5) having a cavity (8) for accommodating a sample and at least one first (2a), one second (2b), and one third (2c) temperature-control unit that can be controlled independently of each other. The three temperature-control units (2a, 2b, 2c) define three temperature zones that are physically separate from each other. At least one means (3, 4) for performing a rotational motion of the sample cell (5) is provided. As a result of the rotational motion of the sample cell (5), the cavity (8) intended to accommodate the sample can be moved through the three temperature zones that are physically separate from each other, wherein the cavity is in contact with at least two temperature zones in at least one position of the sample cell (5).

IPC 8 full level
B01L 7/00 (2006.01)

CPC (source: EP US)
B01L 7/5255 (2013.01 - EP US); **B01L 2300/0627** (2013.01 - EP US); **B01L 2300/0803** (2013.01 - EP US); **B01L 2300/0838** (2013.01 - EP US); **B01L 2300/1805** (2013.01 - EP US)

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 2011054353 A1 20110512; DE 102009044431 A1 20110622; EP 2337633 A1 20110629; EP 2337633 B1 20130213; US 2012088234 A1 20120412

DOCDB simple family (application)
DE 2010075120 W 20101105; DE 102009044431 A 20091105; EP 10795211 A 20101105; US 201013127964 A 20100505