Title (en)
METHOD OF CARRYING OUT A REACTION FOR REPLICATING A NUCLEIC ACID

Title (de)
VERFAHREN ZUR DURCHFÜHRUNG EINER REAKTION ZUR VERVIELFÄLTIGUNG EINER NUKLEINSÄURE

Title (fr)
PROCÉDÉ DE RÉALISATION D'UNE RÉACTION DE MULTIPLICATION D'UN ACIDE NUCLÉIQUE

Publication
EP 1993730 A1 20081126 (DE)

Application
EP 07711807 A 20070306

Priority
• EP 2007001903 W 20070306
• DE 102006010958 A 20060306

Abstract (en)
[origin: WO2007101653A1] The invention relates to a method of carrying out a reaction for replicating a nucleic acid (nucleic acid replication reaction; NAR) in a liquid-conveying system (14), where the nucleic acid is present in a first liquid (26), a cylindrical reaction vessel (12) which has an opening at a first end which is connected by a first liquid line (16) to the liquid-conveying system (14) so that liquid can be conveyed and which can be filled and emptied with/of the first liquid (26) by the first liquid line (16) is provided and the reaction vessel (12) has a first piston (18) which can be moved in the reaction vessel (12) between an outer space and the interior space of the reaction vessel (12).

IPC 8 full level
B01L 3/00 (2006.01); **B01L 7/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/00** (2006.01)

CPC (source: EP)
B01L 3/502 (2013.01); **B01L 7/52** (2013.01); B01L 3/5027 (2013.01); B01L 2200/04 (2013.01); B01L 2200/0684 (2013.01); B01L 2200/142 (2013.01); B01L 2300/0816 (2013.01); B01L 2300/1844 (2013.01); B01L 2400/0478 (2013.01)

Citation (search report)
See references of WO 2007101653A1

Citation (examination)
WITTWER C.T. ET AL: "Minimizing the time required for DNA amplification by efficient heat transfer to small samples", ANALYTICAL BIOCHEMISTRY, ACADEMIC PRESS INC, NEW YORK, vol. 186, no. 2, 1 May 1990 (1990-05-01), pages 328 - 331, XP024823234, ISSN: 0003-2697, [retrieved on 19900501], DOI: DOI:10.1016/0003-2697(90)90090-V

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006010958 A1 20070913; EP 1993730 A1 20081126; WO 2007101653 A1 20070913

DOCDB simple family (application)
DE 102006010958 A 20060306; EP 07711807 A 20070306; EP 2007001903 W 20070306