

Title (en)
PROCESS TUBE AND CARRIER TRAY

Title (de)
PROZESSROHR UND TRAGEPLATTE

Title (fr)
TUBE DE TRAITEMENT ET PLATEAU DE TRANSPORT

Publication
EP 2969211 A1 20160120 (EN)

Application
EP 13714437 A 20130315

Priority
US 2013032556 W 20130315

Abstract (en)
[origin: WO2014143044A1] The disclosure provides a system and method to safely and efficiently store and transport process tubes (102) in a carrier tray (300) comprising prior to and during amplification of nucleotides in the process tubes (102). The process tube (102) disclosed includes a securement region having an annular ledge (204), a neck (228), and a protrusion (212). The securement region of the process tube (102) can secure the process tube (102) in a port of the carrier tray (300), but still allows the process tube (102) to adjust or float in order to align the process tube (102) into a rigid heater well (402) of a thermal cycler (400).

IPC 8 full level
B01L 3/00 (2006.01); **B01L 9/06** (2006.01)

CPC (source: EP US)
B01L 3/50851 (2013.01 - EP); **B01L 3/50855** (2013.01 - EP US); **B01L 9/06** (2013.01 - EP US); **B01L 3/527** (2013.01 - EP US); **B01L 3/5453** (2013.01 - EP); **B01L 7/52** (2013.01 - EP); **B01L 2200/025** (2013.01 - EP US); **B01L 2200/028** (2013.01 - EP); **B01L 2200/12** (2013.01 - EP US); **B01L 2200/18** (2013.01 - EP US); **B01L 2300/021** (2013.01 - EP); **B01L 2300/029** (2013.01 - EP US); **B01L 2300/0851** (2013.01 - EP US); **B01L 2300/0858** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014143044 A1 20140918; AU 2013381879 A1 20150917; AU 2013381879 B2 20180816; AU 2018264066 A1 20181206; AU 2018264066 B2 20200521; AU 2020220176 A1 20200910; AU 2020220176 B2 20220630; BR 112015022459 A2 20170718; BR 112015022459 B1 20211019; CA 2905204 A1 20140918; CA 2905204 C 20210810; CN 105228747 A 20160106; CN 112831410 A 20210525; EP 2969211 A1 20160120; EP 2969211 B1 20190626; ES 2744596 T3 20200225; JP 2016515805 A 20160602; JP 6387387 B2 20180905; KR 102121852 B1 20200612; KR 20150132849 A 20151126; MX 2015011194 A 20160304; US 11433397 B2 20220906; US 2019151854 A1 20190523

DOCDB simple family (application)
US 2013032556 W 20130315; AU 2013381879 A 20130315; AU 2018264066 A 20181115; AU 2020220176 A 20200820; BR 112015022459 A 20130315; CA 2905204 A 20130315; CN 201380075541 A 20130315; CN 202110187647 A 20130315; EP 13714437 A 20130315; ES 13714437 T 20130315; JP 2016500071 A 20130315; KR 20157029623 A 20130315; MX 2015011194 A 20130315; US 201916261328 A 20190129