

Title (en)
TEMPERATURE CONTROL

Title (de)
TEMPERATURREGELUNG

Title (fr)
RÉGULATION DE TEMPÉRATURE

Publication
EP 4163011 A1 20230412 (EN)

Application
EP 22197262 A 20220922

Priority
EP 21201394 A 20211007

Abstract (en)
The invention relates to a device and a method for rapidly changing and controlling the temperature of diagnostic consumables and their contents in a diagnostic analyser system and provides a system for performing biochemical assays with a fluid, comprising a circular disc-shaped container with at least one compartment for taking up the fluid to be processed in the biochemical assay, wherein the circular disc-shaped container has a centrally arranged acceptance for an axis; a thermal chamber, comprising a housing for accommodating the circular disc-shaped container, wherein the housing comprises a flat upper surface and a flat inner bottom surface, and wherein a cold plate that is connected to a cooling element is arranged above the flat inner bottom surface inside the housing of the thermal chamber, and an inlet and an outlet for an air supply; and a drive comprising the axis with an upper end for its connection to the circular disc-shaped container by crossing a bottom surface of the thermal chamber's housing, wherein the axis is connected to a motor for rotating the axis, and wherein the axis is further connected to a motor for moving the axis vertically inside the thermal chamber.

IPC 8 full level
B01L 3/00 (2006.01); **B01L 7/00** (2006.01); **B01L 9/00** (2006.01)

CPC (source: EP)
B01L 3/502753 (2013.01); **B01L 7/5255** (2013.01); **B01L 9/52** (2013.01); **B01L 2200/025** (2013.01); **B01L 2300/0803** (2013.01); **B01L 2300/0806** (2013.01); **B01L 2300/1822** (2013.01); **B01L 2300/1844** (2013.01)

Citation (search report)
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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)
EP 4163011 A1 20230412

DOCDB simple family (application)
EP 22197262 A 20220922