

Title (en)

LABORATORY SYSTEM AND DEVICE FOR HEATING AND COOLING SAMPLES

Title (de)

LABORGERÄTSYSTEM UND LABORGERÄT ZUM ERHITZEN UND KÜHLEN VON PROBEN

Title (fr)

SYSTÈME DE LABORATOIRE ET DISPOSITIF POUR CHAUFFER ET REFROIDIR DES ÉCHANTILLONS

Publication

EP 3731969 B1 20230927 (DE)

Application

EP 19712963 A 20190319

Priority

- DE 202018001492 U 20180320
- EP 2019056883 W 20190319

Abstract (en)

[origin: WO2019180044A1] The invention relates to a laboratory apparatus system comprising at least one laboratory apparatus (1), at least one sample receiving element (2), and at least one heat transfer device (6, 7, 9, 15, 20) for supplying and/or dissipating thermal energy to or from the sample receiving element (2). The heat transfer device produces a heat transfer between the sample receiving element (2) and the laboratory apparatus (1) and/or a temperature-controlling device (22) provided outside of the laboratory apparatus and/or a heat and/or cold source provided outside of the laboratory apparatus.

IPC 8 full level

B01L 7/00 (2006.01); **B01F 33/45** (2022.01)

CPC (source: EP)

B01L 7/00 (2013.01); **B01F 33/452** (2022.01); **B01L 2300/0663** (2013.01); **B01L 2300/1822** (2013.01); **B01L 2300/1838** (2013.01); **B01L 2300/185** (2013.01)

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)

DE 202018001492 U1 20180503; EP 3731969 A1 20201104; EP 3731969 B1 20230927; EP 3731969 C0 20230927; ES 2966962 T3 20240425; WO 2019180044 A1 20190926

DOCDB simple family (application)

DE 202018001492 U 20180320; EP 19712963 A 20190319; EP 2019056883 W 20190319; ES 19712963 T 20190319