

Title (en)

LABORATORY MILL AND SAMPLE HOLDER FOR A LABORATORY MILL

Title (de)

LABORMÜHLE UND PROBENHALTER FÜR EINE LABORMÜHLE

Title (fr)

BROYEUR DE LABORATOIRE ET PORTE-ÉCHANTILLON POUR UN BROYEUR DE LABORATOIRE

Publication

EP 4237153 A1 20230906 (DE)

Application

EP 23701868 A 20230120

Priority

- DE 102022101449 A 20220121
- DE 102022101630 A 20220125
- DE 102022108580 A 20220408
- EP 2023051362 W 20230120

Abstract (en)

[origin: WO2023139208A1] A laboratory mill (1) is shown and described, with at least one sample holder (2) for receiving at least one sample vessel (3) and with at least one holding device (4) arranged so as to be rotatable about a rotational axis and/or capable of oscillating about an oscillation axis for holding and guiding the sample holder (2) during operation of the laboratory mill (1), wherein the sample vessel (3) is moved on an orbital path with an effective radius during operation of the laboratory mill (1), wherein complementary coupling geometries are provided on the sample holder (2) and the holding device (4) for coupling the sample holder (2) to the holding device (4), in particular in a form-fitting manner, and wherein the sample holder (2) can be coupled to the holding device (4) via the coupling geometries in at least two different orientations relative to the rotational axis and/or oscillation axis in order to change the effective radius of the orbital path of a sample vessel (3).

IPC 8 full level

B02C 17/14 (2006.01); **B02C 17/06** (2006.01)

CPC (source: EP)

B02C 17/14 (2013.01); **B02C 2017/065** (2013.01)

Citation (search report)

See references of WO 2023139208A1

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2023139208 A1 20230727; EP 4237153 A1 20230906

DOCDB simple family (application)

EP 2023051362 W 20230120; EP 23701868 A 20230120