

Title (en)

LABORATORY GRINDER HAVING ROTARY LEAD-THROUGHS FOR GRINDING BEAKERS TO BE PROVIDED WITH A MEDIUM

Title (de)

LABORMÜHLE MIT DREHDURCHFÜHRUNGEN FÜR DIE MIT EINEM MEDIUM ZU VERSORGENDEN MAHLBECHER

Title (fr)

BROYEUR DE LABORATOIRE MUNI DE PASSAGES TOURNANTS POUR LE BOL DE BROYAGE À ALIMENTER EN FLUIDE

Publication

**EP 2391454 B1 20190612 (DE)**

Application

**EP 10701818 A 20100126**

Priority

- EP 2010000427 W 20100126
- DE 102009006500 A 20090128

Abstract (en)

[origin: WO2010086132A1] A laboratory grinder comprising at least one grinding beaker carrying out a rotary movement about the central axis thereof, the grinding beaker being connected to at least one line for conducting a liquid or gaseous medium, is characterized in that the line is guided by way of a rotary lead-through (14) having a stationary part (15) and a moveable part (16) coupled to the movement of the grinding beaker (11), wherein the stationary part (15) comprises at least one connection (118a, 118b) for a stationary line and the moveable part (16) at least one connection (117a, 117b) for a line leading to the grinding beaker (11).

IPC 8 full level

**B02C 17/08** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP US)

**B02C 17/08** (2013.01 - EP US); **B02C 17/14** (2013.01 - EP); **B02C 17/186** (2013.01 - EP US)

Cited by

WO2021043739A1; WO2021043854A1; DE102020119489A1; WO2021156285A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010086132 A1 20100805**; CN 102369061 A 20120307; CN 102369061 B 20140129; EP 2391454 A1 20111207; EP 2391454 B1 20190612; JP 2012516236 A 20120719; RU 2011130596 A 20130127; RU 2501607 C2 20131220; US 2011303776 A1 20111215; US 8720806 B2 20140513

DOCDB simple family (application)

**EP 2010000427 W 20100126**; CN 201080015947 A 20100126; EP 10701818 A 20100126; JP 2011548571 A 20100126; RU 2011130596 A 20100126; US 201013146837 A 20100126