

Title (en)

DEVICE AND METHOD FOR STERILE SAMPLE-TAKING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STERILEN PROBENAHEME

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LE PRÉLÈVEMENT STÉRILE D'ÉCHANTILLONS

Publication

**EP 3768817 A1 20210127 (DE)**

Application

**EP 19712977 A 20190320**

Priority

- DE 102018204477 A 20180323
- EP 2019057000 W 20190320

Abstract (en)

[origin: WO2019180098A1] The invention relates to a device for taking samples from bioreactors, having a riser line (1) which can be connected to a bioreactor, a branch line (2) and a sampling line (3), which are connected by a T-shaped connector. The sampling line (3) has a first shutoff valve (4), the branch line (2) is connected to a positive pressure source (5), and the sampling line (3) is connected to a pump (7). In the sample-taking device, the positive pressure source (5), the pump (7) and the first shutoff valve (4) can be controlled automatically by means of a control unit (13). The invention also relates to a method for using such a sample-taking device.

IPC 8 full level

**C12M 1/00** (2006.01); **B01L 3/00** (2006.01); **C12M 1/12** (2006.01); **C12M 1/26** (2006.01); **C12M 1/36** (2006.01); **G01N 1/14** (2006.01)

CPC (source: EP US)

**C12M 23/40** (2013.01 - EP); **C12M 27/02** (2013.01 - US); **C12M 29/00** (2013.01 - EP US); **C12M 29/14** (2013.01 - EP); **C12M 33/00** (2013.01 - EP); **C12M 33/12** (2013.01 - US); **C12M 37/02** (2013.01 - EP US); **C12M 37/04** (2013.01 - EP); **C12M 41/48** (2013.01 - EP US); **G01N 2001/1418** (2013.01 - EP)

Citation (search report)

See references of WO 2019180098A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2019180098 A1 20190926**; DE 102018204477 A1 20190926; EP 3768817 A1 20210127; US 2021130763 A1 20210506

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