

Title (en)  
SYSTEM AND PROCESS FOR HANDLING A FLUID VOLUME AND TRANSFERRING SAID VOLUME INTO A MICROFLUIDIC SYSTEM

Title (de)  
EINRICHTUNG UND VERFAHREN ZUR HANDHABUNG EINES FLUIDVOLUMENS UND ÜBERFÜHRUNG IN EIN MIKROFLUIDISCHES SYSTEM

Title (fr)  
SYSTÈME ET PROCÉDÉ DE MANIPULATION D'UN VOLUME DE FLUIDE ET DE TRANSFERT DUDIT VOLUME DANS UN SYSTÈME MICROFLUIDIQUE

Publication  
**EP 4037835 A1 20220810 (DE)**

Application  
**EP 20775594 A 20200915**

Priority  
• DE 102019215030 A 20190930  
• EP 2020075723 W 20200915

Abstract (en)  
[origin: WO2021063667A1] A system (18) for transferring a sample (6) into a microfluidic system (16), comprising a sample loading chamber (2), wherein a first sub-volume (v1) of the sample loading chamber (2) is separated from at least one second sub-volume (v2) of the sample loading chamber (2) by a filter module (3), the first sub-volume (v1) forms a pressure chamber provided for the loading of the sample (6), and there is at least one second sub-volume (v2) for providing the microfluidic system (16) with the sample (6).

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

CPC (source: EP US)  
**B01L 3/502715** (2013.01 - EP US); **B01L 3/5027** (2013.01 - US); **B01L 2200/027** (2013.01 - US); **B01L 2200/0631** (2013.01 - EP US); **B01L 2300/044** (2013.01 - EP US); **B01L 2300/0681** (2013.01 - EP US)

Citation (search report)  
See references of WO 2021063667A1

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

DOCDB simple family (publication)  
**DE 102019215030 A1 20210401**; CN 114728287 A 20220708; EP 4037835 A1 20220810; US 2022379307 A1 20221201; WO 2021063667 A1 20210408

DOCDB simple family (application)  
**DE 102019215030 A 20190930**; CN 202080082442 A 20200915; EP 2020075723 W 20200915; EP 20775594 A 20200915; US 202017764901 A 20200915