

Title (en)
MICROFLUIDIC DEVICE

Title (de)
MIKROFLUIDISCHE VORRICHTUNG

Title (fr)
DISPOSITIF MICROFLUIDIQUE

Publication
EP 3758845 A1 20210106 (DE)

Application
EP 19706951 A 20190219

Priority
• DE 102018203047 A 20180301
• EP 2019054084 W 20190219

Abstract (en)
[origin: WO2019166279A1] The invention relates to a microfluidic device (1), comprising a chamber (2), on two sides (7, 8) of which lying opposite each other in a first direction (5), respective first distributors (3) are provided in order to produce a laminar flow in the first direction (5). Each of the first distributors (3) has at least one branching point (11), at which a channel is divided into at least two channels, the at least one branching point (11) of the first distributor (3) being arranged in such a way that a first connection channel (12) is connected to a plurality of first connection points (14) of the chamber (2) by means of the first distributor (3).

IPC 8 full level
B01L 3/00 (2006.01)

CPC (source: EP US)
B01L 3/502715 (2013.01 - EP); **B01L 3/502776** (2013.01 - EP US); **B01L 2300/0829** (2013.01 - EP US); **B01L 2300/0864** (2013.01 - EP US); **B01L 2300/0867** (2013.01 - EP US); **B01L 2300/089** (2013.01 - EP US)

Citation (search report)
See references of WO 2019166279A1

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 102018203047 A1 20190905; CN 111757780 A 20201009; CN 111757780 B 20211207; EP 3758845 A1 20210106; US 2021046481 A1 20210218; WO 2019166279 A1 20190906

DOCDB simple family (application)
DE 102018203047 A 20180301; CN 201980016344 A 20190219; EP 19706951 A 20190219; EP 2019054084 W 20190219; US 201916976700 A 20190219