

Title (en)  
METHOD FOR DEGASSING A FLUID

Title (de)  
VERFAHREN ZUR ENTGASUNG EINER FLÜSSIGKEIT

Title (fr)  
PROCÉDÉ DE DÉGAZAGE D'UN FLUIDE

Publication  
**EP 4076698 A1 20221026 (FR)**

Application  
**EP 20829889 A 20201216**

Priority  
• FR 1914650 A 20191217  
• EP 2020086451 W 20201216

Abstract (en)  
[origin: WO2021122769A1] The invention relates to a method for degassing a fluid comprising the following steps: supplying, at the inlet of a reactor comprising at least one microfluidic pipe, a fluid that can comprise at least one dissolved gas; then making the fluid flow through the reactor, the at least one pipe comprising a portion having a smaller hydraulic diameter, and the flow being parameterised such that bubbles are generated by micro-cavitation, the fluid then comprising a liquid phase and a gas phase; then allowing the at least partial transfer of the at least one dissolved gas present in the fluid from the liquid phase to the gas phase; separating the liquid phase and the gas phase; and recovering the liquid phase in order to obtain the degassed fluid, the method not involving the application of ultrasound to the fluid between the step in which the fluid is supplied to the reactor and the step of separating the liquid phase and the gas phase.

IPC 8 full level  
**B01D 19/00** (2006.01)

CPC (source: EP US)  
**B01D 19/0036** (2013.01 - EP); **B01D 19/0042** (2013.01 - EP US); **B01D 19/0094** (2013.01 - EP US); **B01D 2259/816** (2013.01 - US)

Citation (search report)  
See references of WO 2021122769A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3104450 A1 20210618; FR 3104450 B1 20220603**; EP 4076698 A1 20221026; US 2023017163 A1 20230119; WO 2021122769 A1 20210624

DOCDB simple family (application)  
**FR 1914650 A 20191217**; EP 2020086451 W 20201216; EP 20829889 A 20201216; US 202017785877 A 20201216