

Title (en)  
DIALYSIS MACHINE FOR CARRYING OUT A PUSH/PULL-BASED DIALYSIS TREATMENT

Title (de)  
DIALYSEMASCHINE ZUR DURCHFÜHRUNG EINER PUSH-PULL-DIALYSEBEHANDLUNG

Title (fr)  
MACHINE DE DIALYSE POUR RÉALISER UN TRAITEMENT DE DIALYSE PUSH-PULL

Publication  
**EP 4058090 A1 20220921 (DE)**

Application  
**EP 20804524 A 20201110**

Priority  
• DE 102019130294 A 20191111  
• EP 2020081654 W 20201110

Abstract (en)  
[origin: WO2021094317A1] The invention relates to a dialysis machine comprising a fluid system, which has a supply line for providing fresh dialysis solution to a dialyser and a discharge line for removing used dialysis solution from the dialyser, wherein the fluid system has a balancing system arranged between the supply and discharge lines in order to balance the fluid volumes flowing through the lines, wherein the fluid system has an ultrafiltration line branching off the discharge line between the dialyser and the balancing system and having an ultrafiltration pump in order to be able to withdraw a defined volume of used dialysis solution from the balance process, and wherein an additional balancing chamber is provided, which is arranged in a section of the supply line located between the balancing system and the dialyser or a section of the discharge line located between the dialyser and the branch of the ultrafiltration line.

IPC 8 full level  
**A61M 1/16** (2006.01); **A61M 1/34** (2006.01)

CPC (source: EP US)  
**A61M 1/1621** (2013.01 - EP); **A61M 1/1635** (2014.02 - EP); **A61M 1/1639** (2014.02 - EP US); **A61M 1/1694** (2013.01 - US);  
**A61M 1/3413** (2013.01 - EP US); **A61M 1/3427** (2014.02 - EP US); **A61M 1/3465** (2014.02 - EP US); **A61M 1/1694** (2013.01 - EP)

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 102019130294 A1 20210512**; CN 114728113 A 20220708; EP 4058090 A1 20220921; US 11931494 B2 20240319;  
US 2022387683 A1 20221208; WO 2021094317 A1 20210520

DOCDB simple family (application)  
**DE 102019130294 A 20191111**; CN 202080079641 A 20201110; EP 2020081654 W 20201110; EP 20804524 A 20201110;  
US 202017775326 A 20201110