

Title (en)  
PRIMING METHOD AND PRIMING APPARATUS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM PRIMEN

Title (fr)  
PROCÉDÉ D'AMORÇAGE ET APPAREIL D'AMORÇAGE

Publication  
**EP 3863693 A4 20220622 (EN)**

Application  
**EP 18936577 A 20181012**

Priority  
CN 2018109948 W 20181012

Abstract (en)  
[origin: WO2020073299A1] A priming method(300, 500, 600) and a priming apparatus(700), the priming method(300, 500, 600) comprising: controlling, on the condition that an arterial line(230) is blocked and a venous line(240) is opened, a supply device to deliver a priming solution to a dialysate compartment(222) of a dialyzer(220), wherein one end of the arterial line(230) with a blood pump(235) and one end of the venous line(240) with a venous chamber(244) are connected to a blood compartment(224) of the dialyzer(220) and the other end of the arterial line(230) and the other end of the venous line(240) are connected to a container(270, 275) via a connector(280, 285), and the priming solution in the dialysate compartment(222) crosses a membrane of the dialyzer(220) and enters into the venous line(240); turning on, after a predefined amount of priming solution is delivered into the dialysate compartment(222) by the supply device, the blood pump(235) to circulate the priming solution in an extracorporeal circuit composed of the arterial line(230), the blood compartment(224) and the venous line(240). The priming method(300, 500, 600) and the priming apparatus(700) can be applicable in the basic and advanced dialysis machines.

IPC 8 full level  
**A61M 1/14** (2006.01); **A61M 1/16** (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP)  
**A61M 1/16** (2013.01); **A61M 1/3647** (2014.02); **A61M 1/3649** (2014.02); **A61M 1/365** (2014.02); **A61M 2205/3386** (2013.01)

Citation (search report)  
• [XYI] US 2015114891 A1 20150430 - MEYER THOMAS E [US], et al  
• [Y] JP 2014210135 A 20141113 - KAWASUMI LAB INC  
• [Y] CN 101868261 A 20101020 - FRESENIUS MED CARE HLDG INC  
• See references of WO 2020073299A1

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

DOCDB simple family (publication)  
**WO 2020073299 A1 20200416**; CN 113474020 A 20211001; EP 3863693 A1 20210818; EP 3863693 A4 20220622

DOCDB simple family (application)  
**CN 2018109948 W 20181012**; CN 201880098539 A 20181012; EP 18936577 A 20181012