

Title (en)
DEVICE FOR MONITORING BLOOD PURIFICATION USING AN EXTRACORPOREAL BLOOD PURIFICATION DEVICE

Title (de)
VORRICHTUNG ZUR ÜBERWACHUNG EINER BLUTREINIGUNG MIT EINER EXTRAKORPORALEN BLUTREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE SURVEILLANCE D'UNE ÉPURATION DU SANG AU MOYEN D'UN DISPOSITIF D'ÉPURATION DU SANG EXTRACORPOREL

Publication
EP 4415775 A1 20240821 (DE)

Application
EP 22802561 A 20221011

Priority
• DE 102021126681 A 20211014
• EP 2022078320 W 20221011

Abstract (en)
[origin: WO2023062047A1] The invention relates to a method and a device for monitoring blood purification using an extracorporeal blood purification device designed so that blood purification with specified treatment parameters Q_b is performed in an extracorporeal blood circuit 9 by means of a blood purification unit 1. A parameter K that is characteristic for the purification performance of the blood purification unit 1 is determined on the basis of the measured concentration of a substance. This parameter K is compared with an expected value K_{ref}. To this end, the computing and/or evaluation unit 25 determines a tolerance range for the expected value, wherein specified actions are triggered by the computing and/or evaluation unit 25 depending on whether the parameter that is characteristic for the purification performance of the blood purification unit is within or outside of the tolerance range for the expected value.

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

CPC (source: EP KR)
A61M 1/1607 (2014.02 - EP KR); **A61M 1/1609** (2014.02 - EP KR); **A61M 1/1613** (2014.02 - EP KR); **A61M 1/361** (2014.02 - EP KR); **A61M 1/3612** (2014.02 - EP KR); **A61M 2205/18** (2013.01 - EP); **A61M 2205/3306** (2013.01 - EP KR); **A61M 2205/3317** (2013.01 - EP KR); **A61M 2205/52** (2013.01 - EP KR); **A61M 2230/201** (2013.01 - EP KR)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023062047 A1 20230420; AU 2022366151 A1 20240411; CA 3235225 A1 20230420; CN 118103084 A 20240528; DE 102021126681 A1 20230525; EP 4415775 A1 20240821; KR 20240088841 A 20240620

DOCDB simple family (application)
EP 2022078320 W 20221011; AU 2022366151 A 20221011; CA 3235225 A 20221011; CN 202280069056 A 20221011; DE 102021126681 A 20211014; EP 22802561 A 20221011; KR 20247012247 A 20221011