

Title (en)  
CONTROL OR REGULATING DEVICE, USER INTERFACE, AND BLOOD TREATMENT DEVICE FOR ASCERTAINING NEW SETTING VALUES

Title (de)  
STEUER- ODER REGELVORRICHTUNG, USER-INTERFACE UND BLUTBEHANDLUNGSVORRICHTUNG ZUM ERMITTELN NEUER EINSTELLWERTE

Title (fr)  
DISPOSITIF DE COMMANDE OU DE RÉGULATION, INTERFACE UTILISATEUR, ET DISPOSITIF DE TRAITEMENT DU SANG POUR DÉTERMINER DE NOUVELLES VALEURS DE RÉGLAGE

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Application  
**EP 20806974 A 20201111**

Priority  
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Abstract (en)  
[origin: WO2021094357A1] The invention relates to a control or regulating device (150) which is programmed to control or regulate a blood treatment device (100) during a blood treatment of a patient, said treatment being carried out by means of an extracorporeal blood tubing set (300) and the blood treatment device (100) using setting values (Ci-Konz\_prev) for treatment parameters (Ci-Konz), said values being set on the blood treatment device (100) or on a device optionally connected to the extracorporeal blood tubing set (300), wherein after reading (S1) at least one measured value (M1) collected during the blood treatment as the actual value (Ca++\_lst) for a blood parameter (Ca-Konz), the control or regulating device (150) is additionally programmed to compare (S2) said measured value with a stored target value (Ca++\_Soll) for the blood parameter (Ca-Konz). On the basis of the comparison and while taking into consideration a setting value (Ci-Konz\_prev) which has been set for one of the treatment parameters (Ci-Konz), either a correction value or factor (Ci-Konz\_korr) is ascertained (S3) in order to modify the setting value (Ci-Konz\_prev) or a new setting value (Ci-Konz\_new) which has been set in each case in order to modify the value of the blood parameter (Ca-Konz) towards the target value (Ca++\_Soll) for said parameter, and the correction value or factor is provided (S6) automatically by the control or regulating device in order to control and regulate the blood treatment device (100) using the new setting value (Ci-Konz\_new).

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CPC (source: EP US)  
**A61M 1/3607** (2014.02 - EP US); **A61M 2205/502** (2013.01 - US); **A61M 2230/20** (2013.01 - US)

Citation (search report)  
See references of WO 2021094357A1

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