

Title (en)
METHOD AND DEVICE FOR INVASIVE BLOOD PRESSURE MEASUREMENT IN A VASCULAR ACCESS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR INVASIVEN BLUTDRUCKMESSUNG IM GEFÄSSZUGANG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE MESURE INVASIVE DE LA PRESSION ARTÉRIELLE DANS UN ACCÈS VASCULAIRE

Publication
EP 2367473 A1 20110928 (DE)

Application
EP 09771525 A 20091126

Priority
• EP 2009065880 W 20091126
• DE 102008059379 A 20081127

Abstract (en)
[origin: WO2010060951A1] The invention relates to a device and to a method for invasive blood pressure measurement in a vascular access under continuous blood flows in a treatment device in extracorporeal detoxification methods. The object of the invention is to provide a method and a device in which the systemic arterial pressure is directly measured using an existing vascular access for dialysis, or in which the systemic arterial pressure and the temporal progression of said pressure are determined indirectly by drawing conclusions. The method according to the invention circumvents all disadvantages of the prior art by using a valve-controlled bypass system which goes around a blood pumping unit. So that the blood flow in the treatment device is not interrupted, alarms are suppressed as necessary. It is possible to easily connect the bypass module to measuring equipment on various treatment units without having to adjust the same.

IPC 8 full level
A61B 5/0215 (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP US)
A61B 5/02108 (2013.01 - EP US); **A61B 5/0215** (2013.01 - EP US); **A61M 1/3655** (2013.01 - EP US); **A61M 1/3656** (2014.02 - EP US); **A61M 1/3639** (2013.01 - EP US); **A61M 1/3653** (2013.01 - EP US); **A61M 2205/3344** (2013.01 - EP US); **A61M 2230/30** (2013.01 - EP US)

Citation (search report)
See references of WO 2010060951A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102008059379 A1 20100602; **DE 102008059379 B4 20101209**; EP 2367473 A1 20110928; US 2011230772 A1 20110922; WO 2010060951 A1 20100603

DOCDB simple family (application)
DE 102008059379 A 20081127; EP 09771525 A 20091126; EP 2009065880 W 20091126; US 200913131721 A 20091126