Title (en)

PRESSURE MEASUREMENT IN BLOOD TREATMENT

Title (de)

DRUCKMESSUNG WÄHREND DAS BLUTBEHANDLUNG

Title (fr)

MESURE DE LA PRESSION LORS DU TRAITEMENT DU SANG

Publication

EP 0862378 A4 20000118 (EN)

Application

EP 96936495 A 19961015

Priority

- US 9616472 W 19961015
- US 54859795 A 19951026

Abstract (en)

[origin: WO9715228A1] A dialysis system or the like comprises a housing (12) carrying a dialyzer (14) having a blood inlet (18) and a blood outlet (20). Arterial and venous blood tubing sets (24) (22) are provided for respectively conveying blood between the patient and the dialyzer. At least one blood pressure transducer (44) is also provided, the transducer being carried in a connector outside of the housing (12) and connected to an electrical wire (40) for signal communication with an electronic system (46) within the housing, for determining blood pressure from signals sent by the transducer through the wire, and also for displaying the blood pressure so determined. At least one branch connection site (56) is carried on at least one of the blood tubing sets, which site removably receives the connector and transducer in a manner permitting the transducer to measure the pressure of blood in the one tubing set from a position adjacent to the blood in the tubing set.

IPC 1-7

A61B 5/00

IPC 8 full level

A61M 1/36 (2006.01)

CPC (source: EP US)

A61M 1/3639 (2013.01 - EP US); **A61M 1/3641** (2014.02 - EP US)

Citation (search report)

- [X] US 4263808 A 19810428 - BELLOTTI MARC, et al
- [X] US 3418853 A 19681231 - CURTIS GERALD R
- [X] EP 0240101 A2 19871007 - GUEST WELDON S TRUSTEE [US]
- [A] GB 2208714 A 19890412 - COBE LAB [US]
- [A] US 3908653 A 19750930 - KETTERING DONALD E
- See also references of WO 9715228A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

WO 9715228 A1 19970501; AU 7431396 A 19970515; EP 0862378 A1 19980909; EP 0862378 A4 20000118

DOCDB simple family (application)

US 9616472 W 19961015; AU 7431396 A 19961015; EP 96936495 A 19961015