

Title (en)
SYSTEM AND METHOD FOR PERITONEAL DIALYSIS

Title (de)
SYSTEM UND VERFAHREN FÜR DIE PERITONEALDIALYSE

Title (fr)
SYSTEME ET METHODE DE DIALYSE PERITONEALE

Publication
EP 2111242 A4 20141224 (EN)

Application
EP 08706245 A 20080121

Priority
• CA 2008000098 W 20080121
• CA 2574537 A 20070119

Abstract (en)
[origin: CA2574537A1] The invention consists of a cartridge for a peritoneal dialysis (PD) system, comprising: a) a pressure-sealed cartridge containing a mixing chamber, an entrance chamber and a ballast chamber; b) one or more inlet/outlet ports in said entrance chamber, said ports being fully pressure-sealed when closed; c) a pressure-sensing region in the entrance chamber, capable of measuring total pressure and pressure fluctuations within the cartridge; and d) an outlet from the mixing chamber to a patient line, wherein said pressure sensing region enables measurement of pressure changes in said cartridge. The invention further consists of a peritoneal dialysis system using the aforementioned cartridge, and a method of performing peritoneal dialysis using the aforementioned system or cartridge.

IPC 8 full level
A61M 1/28 (2006.01)

CPC (source: EP US)
A61M 1/152 (2022.05 - EP US); **A61M 1/154** (2022.05 - EP US); **A61M 1/155** (2022.05 - EP US); **A61M 1/156** (2022.05 - EP US); **A61M 1/1562** (2022.05 - EP US); **A61M 1/1565** (2022.05 - EP US); **A61M 1/159** (2022.05 - EP US); **A61M 1/28** (2013.01 - EP US); **A61M 1/288** (2014.02 - EP US); **A61M 1/153** (2022.05 - EP US); **A61M 2205/123** (2013.01 - EP); **A61M 2205/127** (2013.01 - EP); **A61M 2205/128** (2013.01 - EP); **A61M 2205/3344** (2013.01 - EP)

Citation (search report)
• [XD] US 6228047 B1 20010508 - DADSON JOSEPH E [CA]
• [XI] WO 2005089832 A2 20050929 - BAXTER INT [US], et al
• [XI] WO 2005009511 A2 20050203 - DEBIOTECH SA [CH], et al
• [XI] US 2006195064 A1 20060831 - PLAHEY KULWINDER S [US], et al
• [XI] WO 9906082 A1 19990211 - DADSON JOSEPH E [CA]
• [XI] US 6497676 B1 20021224 - CHILDERS ROBERT WARREN [US], et al
• See references of WO 2008086619A1

Citation (examination)
US 5609572 A 19970311 - LANG VOLKER [DE]

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
CA 2574537 A1 20080719; CA 2574537 C 20140325; EP 2111242 A1 20091028; EP 2111242 A4 20141224; WO 2008086619 A1 20080724

DOCDB simple family (application)
CA 2574537 A 20070119; CA 2008000098 W 20080121; EP 08706245 A 20080121