

Title (en)
METHOD OF HEMODIALYSIS AND HEMODIALYSIS LIQUIDS INCLUDING HYDROCHLORIC ACID.

Title (de)
HÄMODIALYSEVERFAHREN UND HÄMODIALYSELÖSUNGEN, DIE SALZSÄURE ENTHALTEN.

Title (fr)
PROCEDE ET LIQUIDES D'HEMODIALYSE COMPRENANT DE L'ACIDE CHLORHYDRIQUE.

Publication
EP 0647130 A1 19950412 (EN)

Application
EP 93911157 A 19930506

Priority
• US 9304351 W 19930506
• US 89256492 A 19920603

Abstract (en)
[origin: WO9324108A1] Blood comes from the patient (13) through a blood pump (12) through an artificial kidney or membrane cartridge (11) and returns to the patient (14). The dialysate fluid is blended in a proportioning pump (18) by combining treated diluent water (15), acid concentrate (16), and bicarbonate (alkalizer/buffer) concentrate (17). These materials are blended at a machine set dilution rate (36.83X or 45X) to produce a final dialysate stream (19). Final dialysate fluid has at least 1 millimole of added acid. The dialysate fluid stream (19) passes into the cartridge (11) wherein the fluid contacts the exterior of the hollow dialysis membrane containing the blood. The contaminated dialysate (25) leaves the cartridge via pump (26) and directed to a drain.

IPC 1-7
A61K 9/00; **A61K 9/08**; **B01D 61/00**

IPC 8 full level
A61K 9/08 (2006.01); **A61K 33/00** (2006.01); **A61M 1/14** (2006.01); **A61M 1/16** (2006.01)

CPC (source: EP US)
A61M 1/1654 (2013.01 - EP US)

Citation (search report)
See references of WO 9324108A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9324108 A1 19931209; AU 4239593 A 19931230; CA 2137088 A1 19931209; EP 0647130 A1 19950412; HU 9403380 D0 19950228; HU T68062 A 19950529; JP H07504591 A 19950525

DOCDB simple family (application)
US 9304351 W 19930506; AU 4239593 A 19930506; CA 2137088 A 19930506; EP 93911157 A 19930506; HU 9403380 A 19930506; JP 50056094 A 19930506