

Title (en)
A BLOOD CHAMBER FOR EXTRACORPOREAL BLOOD CIRCUITS

Title (de)
EINE BLUTKAMMER FÜR EXTRAKORPORALE BLUTKREISLÄUFE

Title (fr)
RESERVOIR A SANG POUR CIRCUITS SANGUINS EXTRACORPORELS

Publication
EP 1663348 A1 20060607 (EN)

Application
EP 04743967 A 20040715

Priority

- IB 2004002306 W 20040715
- IT MO20030244 A 20030905

Abstract (en)
[origin: WO2005023338A1] A blood chamber for extracorporeal blood circuits comprises a container body (2) made in a single piece by blowing of a plastic material, and has a plurality of connection ports (3, 4) for fluid communication with outside; each connection port (3, 4) comprises a tubular mouth (6) having a truncoconical internal surface (61) which is coupled in a fluid-proof coupling to a tubular first part (101) of an insert (10), made by injection molding of a plastic material. The insert (10) has a truncoconical and smooth internal surface (102) which is coupled by gluing with a solvent to an end zone of a fluid transport tube (7, 8). The coupling between the blood chamber and the fluid transport tubes is very strong and reliable. The blood chamber is part of an extracorporeal blood circuit which is operatively associated to a dialysis machine.

IPC 1-7
A61M 1/36; **A61M 39/10**

IPC 8 full level
A61M 1/36 (2006.01); **A61M 39/10** (2006.01)

CPC (source: EP KR)
A61M 1/3627 (2013.01 - EP KR); **A61M 39/10** (2013.01 - KR)

Citation (search report)
See references of WO 2005023338A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005023338 A1 20050317; CN 1852745 A 20061025; CN 1852745 B 20100623; EP 1663348 A1 20060607; IT MO20030244 A1 20050306; KR 101066947 B1 20110923; KR 20060095945 A 20060905

DOCDB simple family (application)
IB 2004002306 W 20040715; CN 200480025416 A 20040715; EP 04743967 A 20040715; IT MO20030244 A 20030905; KR 20067004462 A 20040715