

Title (en)
WIDE BUBBLE TRAPS

Title (de)
GROSSBLASENFALLEN

Title (fr)
PIEGES A GROSSES BULLES

Publication
EP 0954364 A1 19991110 (EN)

Application
EP 97948395 A 19971119

Priority

- US 9721168 W 19971119
- US 75580696 A 19961126
- US 82954697 A 19970328
- US 90524597 A 19970801

Abstract (en)
[origin: WO9823353A1] An extracorporeal, flow-through bubble trap chamber (320) has improved bubble separating abilities at high flow rates and generates smaller bubbles. The chamber contains chamber-defining top wall (330), side walls (334, 336) and bottom wall (332) plus blood inlet/outlet ports (322, 344) which extend through top and bottom walls (330, 332) to bring blood into and out of the chamber (320). The chamber (320) preferably has a height that is less than 1.6 times the longest horizontal dimension of the chamber (320). As a result of this, blood flow through the chamber (320) is substantially horizontal. A common flow inlet/outlet tube (350), closed with a central partition (340) is also present.

IPC 1-7
B01D 17/12

IPC 8 full level
A61M 1/02 (2006.01); **A61M 1/36** (2006.01); **B01D 17/12** (2006.01); **B01D 19/00** (2006.01)

CPC (source: EP US)
A61M 1/3627 (2013.01 - EP); **B01D 19/0031** (2013.01 - EP US)

Cited by
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BE CH DE ES FR GB IT LI NL

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