

Title (en)
CIRCUMFERENTIALLY DRIVEN CONTINUOUS FLOW CENTRIFUGE

Title (de)
AM UMFANG ANGETRIEBENE DURCHFLUSSZENTRIFUGE

Title (fr)
CENTRIFUGEUSE A FLUX CONTINU ET A ENTRAINEMENT CIRCONFERENTIEL

Publication
EP 1272277 A1 20030108 (EN)

Application
EP 00973959 A 20001027

Priority
• US 0029705 W 20001027
• US 16232099 P 19991028

Abstract (en)
[origin: WO0130505A1] A centrifuge (10) including a first rotatable mechanism (60) having a rotation axis with a fluid retentive housing (20) being coaxially mounted on the first rotatable mechanism for co-rotation therewith; a second rotatable mechanism (90) having a rotation axis with the first and second rotatable mechanisms being coaxially interconnected for co-rotation around a common axis; and fluid tubing (70) connected to the axis of the fluid retentive housing and having a distal length that extends axially outwardly from the fluid retentive housing. A support arm (50) is mounted to the second rotatable mechanism, a support tube (80) receives therethrough at least a part of the distal length of the fluid tubing, and a bearing member (82) rotatably supports the support tube in the support arm, whereby upon rotation of the first and second rotatable mechanisms, the fluid tubing is free to one of rotate with and rotate relative to the support tube.

IPC 1-7
B04B 7/00; **B04B 5/04**

IPC 8 full level
B04B 5/00 (2006.01); **B04B 5/04** (2006.01); **B04B 7/00** (2006.01)

CPC (source: EP)
B04B 5/0442 (2013.01); **B04B 2005/0492** (2013.01)

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

DOCDB simple family (publication)
WO 0130505 A1 20010503; AT E477057 T1 20100815; DE 60044823 D1 20100923; EP 1272277 A1 20030108; EP 1272277 A4 20050615; EP 1272277 B1 20100811; EP 2243554 A2 20101027; EP 2243554 A3 20140115; ES 2349888 T3 20110112; HK 1053804 A1 20031107; JP 2003514645 A 20030422; JP 2010284651 A 20101224; JP 5147154 B2 20130220

DOCDB simple family (application)
US 0029705 W 20001027; AT 00973959 T 20001027; DE 60044823 T 20001027; EP 00973959 A 20001027; EP 10172379 A 20001027; ES 00973959 T 20001027; HK 03104730 A 20030702; JP 2001532909 A 20001027; JP 2010164388 A 20100721