

Title (en)
CIRCUMFERENTIALLY DRIVEN CONTINUOUS FLOW CENTRIFUGE

Title (de)
AM UMFANG ANGETRIEBENE DURCHFLUSSZENTRIFUGE

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

Publication
EP 1272277 A4 20050615 (EN)

Application
EP 00973959 A 20001027

Priority
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• US 16232099 P 19991028

Abstract (en)
[origin: EP2243554A2] There is disclosed a multi-lumen rope comprising a plurality of elongated tubes for delivering one or more fluids between a first fluid containing mechanism and a fluid receiving rotatably driven rotor, one end of the rope being attached to the center of the driven rotor, the other end of the rope being attached to the first fluid retaining mechanism, the first fluid retaining mechanism being mounted on an opposing side of the rotor and such that the point of attachment of the other end of the rope is substantially coaxial with an axis of the rotor, said elongated tubes comprising at least one tube disposed in a spiral wrap, wherein one end of the rope has a right hand twist and the other end of the rope has a left hand twist.

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CPC (source: EP)
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Citation (search report)
• [X] US 5431814 A 19950711 - JORGENSEN GLEN [US]
• [XY] US 4865081 A 19890912 - NEUMANN HANS-JUERGEN [DE], et al
• [Y] US 2832374 A 19580429 - NOVEMBER MILTON H
• [Y] US 3646972 A 19720307 - KUYPERS HUBERT

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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

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