

Title (en)  
THREE-PHASE ROTARY SEPARATOR

Title (de)  
ROTIERENDER DREI-PHASEN-TRENNER

Title (fr)  
SEPARATEUR ROTATIF TROIS-PHASES

Publication  
**EP 1100603 A4 20030212 (EN)**

Application  
**EP 99921814 A 19990506**

Priority  

- US 9910145 W 19990506
- US 9809444 W 19980508
- US 7662798 A 19980512

Abstract (en)  
[origin: WO9958220A1] The method of operating a rotating separator apparatus (32), to which fluid, including gas and liquids is supplied in a fluid jet via a nozzle, which includes separating the liquids from the gas, at a first zone within the rotating apparatus, and separating the liquids into liquids of differing density at a second zone within the apparatus. The separated liquids are removed via two open weirs (204, 207) which isolate the liquids in the separating zones from the shear forces from scoops (209, 210) within the weir passages. Longitudinal ribs may be provided for structural support, coalescence promotion and fluid recirculation inhibition.

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**B01D 19/00**; **B01D 21/26**; **B01D 17/00**

IPC 8 full level  
**B01D 17/00** (2006.01); **B01D 19/00** (2006.01); **B01D 21/24** (2006.01); **B01D 21/00** (2006.01)

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Citation (search report)  

- No further relevant documents disclosed
- See references of WO 9958220A1

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 9958220 A1 19991118**; AU 3892699 A 19991129; AU 743963 B2 20020214; BR 9910275 A 20010102; CA 2329039 A1 19991118; EP 1100603 A1 20010523; EP 1100603 A4 20030212; NO 20005646 D0 20001108; NO 20005646 L 20001108; NO 319177 B1 20050627

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