

Title (en)  
SEPARATOR

Title (de)  
TRENNUNGSVORRICHTUNG

Title (fr)  
SEPARATEUR

Publication  
**EP 0975412 A1 20000202 (EN)**

Application  
**EP 98917900 A 19980414**

Priority  

- SE 9800687 W 19980414
- SE 9701386 A 19970415

Abstract (en)  
[origin: WO9846328A1] A separator (1) for separating a liquid from a mixture of liquid and gas. The separator comprises an elongated pipe which is open at both ends. The pipe is divided into a first, a second and a third part (a, b, c). The first part (a) comprises an inlet and an outlet for the mixture and members (2) for achieving rotation in the mixture. The second part, which comprises an inlet and an outlet for the rotating mixture, is divided into a fourth, a fifth, and a sixth part (d, e, f). The fourth and sixth parts (d, f) are designed with tight walls. The fifth part (e) is designed with a substantially circular-cylindrical cross section and with outlet members (3) for outlet of the liquid separated from the mixture. The third part comprises an inlet and an outlet for the remaining part of the mixture.

IPC 1-7  
**B01D 45/14; B04C 3/06**

IPC 8 full level  
**B01D 45/14** (2006.01); **B01D 45/16** (2006.01); **B04C 3/00** (2006.01); **B04C 3/06** (2006.01); **G21C 15/16** (2006.01)

CPC (source: EP KR)  
**B01D 45/14** (2013.01 - KR); **B01D 45/16** (2013.01 - EP); **B04C 3/00** (2013.01 - EP); **B04C 3/06** (2013.01 - EP); **G21C 15/16** (2013.01 - EP);  
**Y02E 30/30** (2013.01 - EP)

Citation (search report)  
See references of WO 9846328A1

Designated contracting state (EPC)  
FR

DOCDB simple family (publication)  
**WO 9846328 A1 19981022**; EP 0975412 A1 20000202; JP 2001520571 A 20011030; JP 4151993 B2 20080917; KR 20010006389 A 20010126;  
SE 509685 C2 19990222; SE 9701386 D0 19970415; SE 9701386 L 19981016

DOCDB simple family (application)  
**SE 9800687 W 19980414**; EP 98917900 A 19980414; JP 54382298 A 19980414; KR 19997009476 A 19991014; SE 9701386 A 19970415