

Title (en)

Centrifugal separator with axial inlets and outlets.

Title (de)

Trennzentrifüge mit axialen Ein- und Auslässen.

Title (fr)

Séparateur centrifuge à conduits axiaux d'entrée et de sortie.

Publication

EP 0302386 B1 19940309 (FR)

Application

EP 88112188 A 19880728

Priority

IT 8558887 A 19870803

Abstract (en)

[origin: EP0302386A2] The liquid to be treated enters via the central channel (1) to leave, in the form of two liquid phases of different densities, through the conduits (4, 5), sealing discs (6, 11, 19) being mounted respectively on the central body (7), on the intermediate disc (12) and on the upper cover (20) of the machine. Resting against these discs are movable rings (8, 13, 14, 17) subjected to the pressure, on the one hand, of the liquid introduced into the machine and, on the other hand, of the two liquid phases separated by the latter, while providing a perfect seal between the different phases, without the need for providing elastic return members and without it being necessary to resort to special cooling means. <IMAGE>

IPC 1-7

B01D 17/038; **B04B 1/08**; **B04B 11/02**

IPC 8 full level

A01J 11/10 (2006.01); **B01D 17/038** (2006.01); **B04B 1/00** (2006.01); **B04B 1/10** (2006.01); **B04B 1/06** (2006.01); **B04B 1/08** (2006.01); **B04B 7/02** (2006.01); **B04B 11/02** (2006.01); **B04B 11/06** (2006.01)

CPC (source: EP KR)

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EP 0302386 A2 19890208; **EP 0302386 A3 19910417**; **EP 0302386 B1 19940309**; AT E102496 T1 19940315; AU 1902788 A 19890209; AU 606967 B2 19910221; CA 1331977 C 19940913; CN 1015294 B 19920115; CN 1031032 A 19890215; CZ 541088 A3 19930217; DD 272420 A5 19891011; DE 3888258 D1 19940414; IT 1218817 B 19900419; IT 8785588 A0 19870803; JP S6490050 A 19890405; KR 890003454 A 19890414; PL 273983 A1 19890417; RO 105379 B1 19941114; SU 1667628 A3 19910730

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