

Title (en)

Separator with self-discharging centrifugal drum

Title (de)

Separator mit selbstentleerender Schleudertrommel

Title (fr)

Séparateur avec d'un panier centrifuge à vidage automatique

Publication

**EP 1384511 A3 20050914 (DE)**

Application

**EP 03016206 A 20030717**

Priority

DE 10233807 A 20020725

Abstract (en)

[origin: EP1384511A2] The assembly has a push piston (15) moving axially within the drum (1) to open and close the openings (17) for the extraction of solids. The piston movement is operated by a control fluid. A moving push control unit is within the control zone (25) at the piston, with at least one or more drillings (48) between an opening zone (57) and a closing zone (55) of the control zone. The push control unit is a plate section, and especially a plate ring with axial movement.

IPC 1-7

**B04B 1/14**; **B04B 11/04**

IPC 8 full level

**B04B 1/14** (2006.01)

CPC (source: EP)

**B04B 1/14** (2013.01)

Citation (search report)

- [DA] DE 3607526 A1 19870910 - WESTFALIA SEPARATOR AG [DE]
- [AD] DE 4142200 C1 19930114

Cited by

US7354388B2; WO2006045380A1; WO2021160466A1

Designated contracting state (EPC)

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