

Title (en)
Thrust centrifuge and method for operating same

Title (de)
Schubzentrifuge und Verfahren zum Betreiben einer Schubzentrifuge

Title (fr)
Centrifugeuse à poussoir et procédé de fonctionnement d'une centrifugeuse à poussoir

Publication
EP 2633918 A3 20170426 (DE)

Application
EP 13155983 A 20130220

Priority
DE 102012101787 A 20120302

Abstract (en)
[origin: EP2633917A2] The push centrifuge (1) has a filter drum (3) with a longitudinal axis, around which the filter drum is rotatable, and a filter drum body (7) which comprises an inner circumferential surface (9) and an outer circumferential surface (11). The inner circumferential surface is defined by a filter unit (33). Another filter drum body (13) comprises another inner circumferential surface (15) and another outer circumferential surface (17), where the latter inner circumferential surface is defined by another filter unit (47). A push floor (25) is arranged in the filter drum. The former filter drum body is arranged radially directly adjacent to the push floor. A relative movement mechanism (27) is provided by which the push floor and the two filter drum bodies are moved axially to and fro relative to each other in the direction of the longitudinal axis (5) of the filter drum. An independent claim is included for operating a push centrifuge.

IPC 8 full level
B04B 3/02 (2006.01); **B04B 7/18** (2006.01); **B04B 11/04** (2006.01)

CPC (source: EP)
B04B 3/02 (2013.01); **B04B 7/18** (2013.01)

Citation (search report)
• [A] CH 312160 A 19551231 - ESCHER WYSS AG [CH]
• [A] DE 962058 C 19570418 - ESCHER WYSS GMBH

Cited by
DE102019117721A1; CN113851971A; TWI709437B; EP3760318A1; DE102019117721B4; US11590515B2

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BA ME

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