

Title (en)
Centrifuge.

Title (de)
Zentrifuge.

Title (fr)
Centrifugeuse.

Publication
EP 0027476 A1 19810429 (DE)

Application
EP 79104067 A 19791019

Priority
EP 79104067 A 19791019

Abstract (en)
1. A centrifuge, particularly a conical tube centrifuge, for clarifying liquids and thickening sludges, having a centrifuge drum which comprises two radial walls (11, 12) and an axially movable tube connected to the radial walls (11, 12) and forming the peripheral wall of the drum interior, with axial entry of the material to be centrifuged into the interior of the drum, characterized in that at least a part of one radial wall (12), opposite the other, is axially movable to reduce the interior of the drum during operation of the centrifuge.

Abstract (de)
Zentrifuge, insbesondere Rohrkegelzentrifuge, zum Klären von Flüssigkeiten und zum Eindicken von Schlamm, deren Zentrifugentrommel aus zwei Trommelhälften (11,12) und einem die Trommelhälften verbindenden, axial verschiebbaren Rohr (13), besteht, mit axialer Zuführung (15) des Schleudergutes, wobei wenigstens ein Teil wenigstens einer der Trommelhälften gegenüber der anderen zur Verkleinerung des Trommelinnenraumes während des Laufes der Zentrifuge axial verschiebbar ist.

IPC 1-7
B04B 1/02; C02F 1/38

IPC 8 full level
B04B 1/02 (2006.01)

CPC (source: EP)
B04B 1/02 (2013.01)

Citation (search report)
• FR 413517 A 19100811 - CLAUDE RENE PINETTE [FR], et al
• FR 1362722 A 19640605
• US 2360455 A 19441017 - VILTER ERNEST F
• DE 2737759 A1 19790301 - WIMMER OTTO

Cited by
US6123655A; WO9715399A1

Designated contracting state (EPC)
AT CH FR GB SE

DOCDB simple family (publication)
EP 0027476 A1 19810429; EP 0027476 B1 19831207; AT E5515 T1 19831215

DOCDB simple family (application)
EP 79104067 A 19791019; AT 79104067 T 19791019