

Title (en)
Centrifuge drum

Title (de)
Schleudertrommel

Title (fr)
Tambour centrifuge

Publication
EP 0706829 B1 20010606 (DE)

Application
EP 95115891 A 19951009

Priority
DE 4436459 A 19941012

Abstract (en)
[origin: EP0706829A1] Self-emptying centrifuge has a piston slide valve (8) closing the solids chamber (6) outlet (7) and held in position by water in a closing chamber (10)., A hydraulic piston valve (16) is located in an outlet chamber (17) and seals the closing chamber against an outlet. The outlet chamber (17) is sealed from at least one outlet opening by a pref. hydraulically operable spool valve (20). When the solids chamber is completely emptied, the closing water flows into the outlet chamber via the valve, which is held in its closing position by at least one spring (25).

IPC 1-7
B04B 1/14

IPC 8 full level
B04B 1/14 (2006.01)

CPC (source: EP)
B04B 1/14 (2013.01)

Cited by
CN102164679A; US6827680B2; US9387491B2; WO2010034751A1

Designated contracting state (EPC)
DE ES IT SE

DOCDB simple family (publication)
EP 0706829 A1 19960417; EP 0706829 B1 20010606; DE 4436459 A1 19960418; DE 4436459 C2 19970424; DE 59509317 D1 20010712

DOCDB simple family (application)
EP 95115891 A 19951009; DE 4436459 A 19941012; DE 59509317 T 19951009