

Title (en)

CENTRIFUGE HAVING A SELFDISCHARGING BOWL

Title (de)

ZENTRIFUGE MIT EINER SELBSTENTLEERENDEN SCHLEUDERTROMMEL

Title (fr)

CENTRIFUGEUSE EQUIPEE D'UN TAMBOUR DE CENTRIFUGATION A VIDANGE AUTOMATIQUE

Publication

**EP 2326427 B1 20170111 (DE)**

Application

**EP 09783343 A 20090923**

Priority

- EP 2009062339 W 20090923
- DE 102008048934 A 20080925

Abstract (en)

[origin: WO2010034751A1] A centrifuge with a self-emptying centrifuge drum, with discharge openings (7) designed into the drum shell (6) thereof, said openings exiting from a solids chamber (4) and being closable by way of an axially moving piston slide (6), wherein a closing chamber (8) to which closing fluid can be applied is associated with the piston slide (5), said chamber is capable of being emptied by actuating one or more hydraulic valves (12) using opening fluid, wherein the closing chamber (8) comprises at least one or more recesses (17), in the proximity of which the closing chamber (8) has a larger closing chamber height than in the remaining area thereof outside the recesses (17).

IPC 8 full level

**B04B 1/14** (2006.01); **B04B 1/18** (2006.01)

CPC (source: EP)

**B04B 1/14** (2013.01); **B04B 1/18** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010034751 A1 20100401**; CN 102164679 A 20110824; CN 102164679 B 20160330; DE 102008048934 A1 20100401; EP 2326427 A1 20110601; EP 2326427 B1 20170111

DOCDB simple family (application)

**EP 2009062339 W 20090923**; CN 200980137322 A 20090923; DE 102008048934 A 20080925; EP 09783343 A 20090923