

Title (en)
CENTRIFUGE

Title (de)
ZENTRIFUGE

Title (fr)
CENTRIFUGEUSE

Publication
EP 2473287 A2 20120711 (DE)

Application
EP 10784946 A 20100831

Priority
• DE 102009039729 A 20090902
• DE 2010001031 W 20100831

Abstract (en)
[origin: WO2011026472A2] The invention relates to a centrifuge comprising a suspended centrifuge drum. The centrifuge has a stationary outer housing, a shaft bearing which is arranged on the top side of the outer housing so as to be flexible or rotatable, a shaft which is rotatably received by the shaft bearing and extends into the outer housing and a centrifuge drum supported by the shaft. An inner housing is arranged on the shaft bearing so as to surround the drum in a gas-tight manner and so as to be rotated together with the drum. The device for removing the solid cake arranged on the drum wall is secured to the shaft bearing or to the inner housing so as to be rotatable together with the same, thereby ensuring that the solid cake can be completely removed without damaging the inner wall of the drum.

IPC 8 full level
B04B 11/08 (2006.01); **B04B 7/02** (2006.01); **B04B 9/12** (2006.01)

CPC (source: EP)
B04B 7/02 (2013.01); **B04B 9/12** (2013.01); **B04B 11/08** (2013.01)

Citation (search report)
See references of WO 2011026472A2

Designated contracting state (EPC)
AL 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)
DE 102009039729 A1 20110303; EP 2473287 A2 20120711; EP 2473287 B1 20130731; WO 2011026472 A2 20110310;
WO 2011026472 A3 20110428

DOCDB simple family (application)
DE 102009039729 A 20090902; DE 2010001031 W 20100831; EP 10784946 A 20100831