

Title (en)  
CENTRIFUGE COMPRISING A CENTRIFUGAL DRUM ROTATABLE ABOUT A ROTATIONAL AXIS

Title (de)  
ZENTRIFUGE MIT EINER UM EINE DREHACHSE DREHBAREN SCHLEUDERTROMMEL

Title (fr)  
CENTRIFUGEUSE À BOL DE CENTRIFUGATION ROTATIF AUTOUR D'UN AXE DE ROTATION

Publication  
**EP 2451584 A1 20120516 (DE)**

Application  
**EP 10734090 A 20100709**

Priority  
• EP 2010059891 W 20100709  
• DE 102009032618 A 20090710

Abstract (en)  
[origin: WO2011004007A1] The invention relates to a centrifuge comprising a centrifugal drum that can be rotated about a rotational axis, especially a separator provided with a centrifugal drum (2) that can be rotated about a vertical rotational axis, comprising an admission (3) for a product to be centrifuged, at least two outlets (10; 12, 13) for deriving a lighter phase and a heavier phase from the centrifugal drum (2), and a drive spindle (14). Said centrifuge is characterised by a design of the rotating system, which seals the system from the surrounding environment in a preferably fully hermetic manner, and at least one flow-related diode arranged downstream from the outlets (12, 13) in the direction of flow.

IPC 8 full level  
**B04B 1/08** (2006.01); **B04B 11/02** (2006.01)

CPC (source: EP)  
**B04B 1/08** (2013.01); **B04B 11/02** (2013.01)

Citation (search report)  
See references of WO 2011004007A1

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 102009032618 A1 20110113**; EP 2451584 A1 20120516; EP 2451584 B1 20170301; WO 2011004007 A1 20110113

DOCDB simple family (application)  
**DE 102009032618 A 20090710**; EP 10734090 A 20100709; EP 2010059891 W 20100709