

Title (en)  
CENTRIFUGAL SEPARATOR AND METHOD FOR SEPARATING

Title (de)  
ZENTRIFUGALABSCHIEDER UND TRENNVERFAHREN

Title (fr)  
SÉPARATEUR CENTRIFUGE ET PROCÉDÉ DE SÉPARATION

Publication  
**EP 2401087 A1 20120104 (EN)**

Application  
**EP 10714387 A 20100218**

Priority  
• SE 2010050186 W 20100218  
• SE 0950101 A 20090224

Abstract (en)  
[origin: WO2010098714A1] The invention relates to a centrifugal separator and method for controlling a radial level of an interface layer (22) formed during operation between a light and a heavy liquid in a separating chamber (7) in said centrifugal separator. The control comprises means (26) for detecting the interface layer level in the separating chamber, and a device (21, 23, 24) for supplying/discharging a control liquid to/from the separating chamber (7) by means of a variable speed pump (23), wherein said means (26) for detecting the interface layer level is adapted to communicate with means (25) for controlling the speed of the pump in such a way that supply and discharge of the liquid take place in such amount per unit of time that the interface layer (22) in the separating chamber (7) is within predetermined radial inner and outer levels.

IPC 8 full level  
**B04B 1/12** (2006.01); **B04B 11/02** (2006.01)

CPC (source: EP SE)  
**B04B 1/08** (2013.01 - SE); **B04B 1/12** (2013.01 - EP); **B04B 11/02** (2013.01 - EP SE); **B04B 13/00** (2013.01 - SE); **B04B 2013/006** (2013.01 - EP)

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 2010098714 A1 20100902**; BR PI1008001 A2 20160223; BR PI1008001 B1 20200303; CA 2753349 A1 20100902; CA 2753349 C 20140408; CN 102413940 A 20120411; CN 102413940 B 20131218; EP 2401087 A1 20120104; EP 2401087 B1 20130619; RU 2480291 C1 20130427; SE 0950101 A1 20100825; SE 533360 C2 20100907

DOCDB simple family (application)  
**SE 2010050186 W 20100218**; BR PI1008001 A 20100218; CA 2753349 A 20100218; CN 201080018351 A 20100218; EP 10714387 A 20100218; RU 2011139108 A 20100218; SE 0950101 A 20090224