

Title (en)
Centrifugal separator

Title (de)
Zentrifugalabscheider

Title (fr)
Séparateur par centrifugation

Publication
EP 2130607 B1 20120411 (EN)

Application
EP 08425404 A 20080606

Priority
EP 08425404 A 20080606

Abstract (en)
[origin: EP2130607A1] A centrifugal separator (1) comprising an outer casing (2), within which at least one hollow drum (3) is actuated so that it can rotate, at least one first screw feeder (4) which is actuated so that it can rotate, at a speed which is substantially higher than the speed of the respective drum (3) and within the drum (3), skimming its internal surfaces (5), a circuit (6) for feeding a solid-liquid mix and respective circuits for the separate expulsion of the solid phase and of the liquid phase. The mix feed circuit (6) comprises an inlet (7) and a respective channel (8) which leads out along at least one portion (9) of the internal surface (5) of the drum (3) to dispense mix along the internal surface (5) of the rotatable drum (3).

IPC 8 full level
B04B 1/20 (2006.01); **B04B 11/06** (2006.01)

CPC (source: EP)
B04B 1/20 (2013.01); **B04B 1/2016** (2013.01); **B04B 11/06** (2013.01); **B04B 2001/2033** (2013.01); **B04B 2001/2083** (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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2130607 A1 20091209; EP 2130607 B1 20120411; AT E552908 T1 20120415; ES 2385878 T3 20120802

DOCDB simple family (application)
EP 08425404 A 20080606; AT 08425404 T 20080606; ES 08425404 T 20080606