

Title (en)
CENTRIFUGAL SEPARATOR

Title (de)
ZENTRIFUGALABSCHEIDER

Title (fr)
SÉPARATEUR CENTRIFUGE

Publication
EP 2822694 B1 20210818 (DE)

Application
EP 13705995 A 20130225

Priority
• DE 102012004590 A 20120307
• EP 2013053661 W 20130225

Abstract (en)
[origin: WO2013131768A1] With a method and also a device for optimizing a centrifugal separator, in particular a recirculation cyclone in a high-temperature gasifier, the degree of separation of a centrifugal separator is to be markedly increased. This is achieved in terms of the method in that, via internals on the descender tube of the centrifugal separator, a local increase in the centrifugal force is performed.

IPC 8 full level
B04C 5/04 (2006.01); **B04C 5/13** (2006.01)

CPC (source: EP)
B04C 5/04 (2013.01); **B04C 5/13** (2013.01); **B04C 11/00** (2013.01); **C10J 3/56** (2013.01); **C10J 3/84** (2013.01); **C10J 2300/0946** (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102012004590 A1 20130912; CN 104334285 A 20150204; CN 104334285 B 20191018; DK 2822694 T3 20210913;
EP 2822694 A1 20150114; EP 2822694 B1 20210818; ES 2887334 T3 20211222; PL 2822694 T3 20211206; PT 2822694 T 20210921;
RU 2014137999 A 20160427; TW 201347851 A 20131201; WO 2013131768 A1 20130912

DOCDB simple family (application)
DE 102012004590 A 20120307; CN 201380013225 A 20130225; DK 13705995 T 20130225; EP 13705995 A 20130225;
EP 2013053661 W 20130225; ES 13705995 T 20130225; PL 13705995 T 20130225; PT 13705995 T 20130225; RU 2014137999 A 20130225;
TW 102107759 A 20130306