

Title (en)  
CENTRIFUGAL SEPARATOR

Title (de)  
ZENTRIFUGALABSCHEIDER

Title (fr)  
SÉPARATEUR CENTRIFUGE

Publication  
**EP 2822694 A1 20150114 (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)

Citation (search report)  
See references of WO 2013131768A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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

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