

Title (en)

CYCLONE SEPARATOR WITH TWO GAS OUTLETS AND SEPARATION METHOD

Title (de)

ZYKLONABSCHIEDER MIT ZWEI GASAUSLÄSSEN UND ABSCHIEDEVERFAHREN

Title (fr)

SÉPARATEUR À CYCLONE POURVU DE DEUX SORTIES DE GAZ ET PROCÉDÉ DE SÉPARATION

Publication

EP 2571622 B1 20150415 (EN)

Application

EP 10721542 A 20100521

Priority

GB 2010001022 W 20100521

Abstract (en)

[origin: WO2011144884A1] The separator comprises a separation chamber with at least one inlet in its upper part, a solids outlet in its lower part, an upper gas outlet, and a lower gas outlet. The proportion of gas removed through the upper gas outlet is significantly greater than the proportion of gas removed through the lower gas outlet. This is achieved by having the area of the upper gas outlet significantly larger than the area of the lower gas outlet.

IPC 8 full level

B04C 3/06 (2006.01); **B04C 5/13** (2006.01); **B04C 5/14** (2006.01)

CPC (source: EP)

B04C 3/06 (2013.01); **B04C 5/13** (2013.01); **B04C 5/14** (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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011144884 A1 20111124; EP 2571622 A1 20130327; EP 2571622 B1 20150415; ES 2538831 T3 20150624; PT 2571622 E 20150617

DOCDB simple family (application)

GB 2010001022 W 20100521; EP 10721542 A 20100521; ES 10721542 T 20100521; PT 10721542 T 20100521