

Title (en)

AIR SEPARATOR FOR COMMINUTED MATERIALS

Title (de)

LUFTABSCHIEDER FÜR ZERKLEINERTES MATERIAL

Title (fr)

SÉPARATEUR À AIR POUR MATÉRIAUX BROYÉS

Publication

**EP 2125229 B2 20210113 (EN)**

Application

**EP 08705553 A 20080110**

Priority

- US 2008000356 W 20080110
- US 87961807 P 20070110

Abstract (en)

[origin: WO2008086026A1] An air separator is provided with a rotor positioned above three concentric vessels. The rotor and a plurality of entry ports segregate comminuted material into the three vessels. An exit port from each vessel directs the separated comminuted material for further comminution processes, such as a ball mill or a roll press, or for use as a final product.

IPC 8 full level

**B02C 17/06** (2006.01); **B02C 23/08** (2006.01); **B07B 4/02** (2006.01); **B07B 7/083** (2006.01); **B07B 7/086** (2006.01); **B07B 9/02** (2006.01)

CPC (source: EP)

**B02C 23/08** (2013.01); **B07B 4/02** (2013.01); **B07B 7/083** (2013.01); **B07B 7/086** (2013.01); **B07B 9/02** (2013.01)

Citation (opposition)

Opponent :

- DE 102004027128 A1 20051222 - POLYSIUS AG [DE]
- DE 4005323 A1 19910822 - KRUPP POLYSIUS AG [DE]
- DE 4224704 A1 19940127 - ZEMENTANLAGEN UND MASCHINENBAU [DE]

Cited by

DE102016203420A1; WO2017148882A1

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)

**WO 2008086026 A1 20080717**; DK 2125229 T3 20140519; DK 2125229 T4 20210222; EP 2125229 A1 20091202; EP 2125229 A4 20130327; EP 2125229 B1 20140226; EP 2125229 B2 20210113

DOCDB simple family (application)

**US 2008000356 W 20080110**; DK 08705553 T 20080110; EP 08705553 A 20080110