

Title (en)

Crushing device comprising a crushing rotor with continuous cutting edge

Title (de)

Zerkleinerungsvorrichtung umfassend einen Zerkleinerungsrotor mit durchgehender Schneide

Title (fr)

Dispositif de broyage comprenant un rotor de broyage avec lame traversante

Publication

EP 2679309 A3 20141231 (DE)

Application

EP 13171025 A 20130607

Priority

DE 102012211186 A 20120628

Abstract (en)

[origin: EP2679309A2] The device has comminuting tools (170) that is cooperated with counter knife arrangement, and is provided to form rotation surface of comminuting rotor (100) equipped with tools. The neighboring comminuting tools are arranged adjacent to each other and abutting on each other at respectively associated lateral faces, and offset to each other on periphery of the rotor within a knife banks (101-104). The equivalent cutting edges (171) of neighboring comminuting tools is provided with same distance to rotor axis (A) and each lie in a plane that runs parallel to rotor axis.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/18** (2006.01)

CPC (source: EP US)

B02C 18/14 (2013.01 - EP US); **B02C 18/145** (2013.01 - US); **B02C 18/18** (2013.01 - EP US); **B02C 2018/188** (2013.01 - US)

Citation (search report)

- [AD] DE 102009060523 A1 20110630 - VECOPLAN AG [DE]
- [A] DE 202005000675 U1 20050609 - WEIMA MASCHB GMBH [DE]
- [A] WO 9211942 A1 19920723 - RAGNARSSON ANDERS T [US]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2679309 A2 20140101; **EP 2679309 A3 20141231**; **EP 2679309 B1 20150527**; CA 2819836 A1 20131228; CA 2819836 C 20210112; DE 102012211186 A1 20140102; ES 2542213 T3 20150803; HR P20150783 T1 20150828; JP 2014008505 A 20140120; JP 6185770 B2 20170823; PL 2679309 T3 20151130; SI 2679309 T1 20151030; US 2014001297 A1 20140102; US 9144804 B2 20150929

DOCDB simple family (application)

EP 13171025 A 20130607; CA 2819836 A 20130626; DE 102012211186 A 20120628; ES 13171025 T 20130607; HR P20150783 T 20150716; JP 2013132590 A 20130625; PL 13171025 T 20130607; SI 201330065 T 20130607; US 201313926667 A 20130625