

Title (en)
Milling device for loose particles

Title (de)
Zerkleinerungsvorrichtung für Schüttgutpartikel

Title (fr)
Broyeur de matériaux en vrac

Publication
EP 1600214 B1 20061115 (DE)

Application
EP 05010650 A 20050517

Priority
DE 102004026068 A 20040525

Abstract (en)
[origin: EP1600214A1] The apparatus has two counter-rotating crushing rollers (12,13) with a mating radial rib of one roller and a radial groove of the other roller. The edges of the rib and groove are arranged parallelly and at an acute angle to the longitudinal axis of the roller, so that there is a parallel gap between two adjacent edges. The edges are provided with a thread profile (30).

IPC 8 full level
B02C 4/30 (2006.01); **B02C 4/06** (2006.01)

CPC (source: EP US)
B02C 4/06 (2013.01 - EP US); **B02C 4/30** (2013.01 - EP US)

Cited by
DE202009017684U1; EP2422881A3; DE102013003173A1; DE202010010958U1; DE102022110680A1; WO2023213473A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1600214 A1 20051130; EP 1600214 B1 20061115; AT E345167 T1 20061215; CY 1105932 T1 20110406; DE 102004026068 B3 20060209; DE 502005000187 D1 20061228; DK 1600214 T3 20070326; ES 2277310 T3 20070701; PL 1600214 T3 20070430; PT 1600214 E 20070131; SI 1600214 T1 20070430; US 2005263634 A1 20051201

DOCDB simple family (application)
EP 05010650 A 20050517; AT 05010650 T 20050517; CY 071100060 T 20070116; DE 102004026068 A 20040525; DE 502005000187 T 20050517; DK 05010650 T 20050517; ES 05010650 T 20050517; PL 05010650 T 20050517; PT 05010650 T 20050517; SI 200530009 T 20050517; US 13556805 A 20050524