

Title (en)

Refining disc or refining disc segment

Title (de)

Refinerscheibe oder Refinerscheibensegment

Title (fr)

Disque de raffinage ou segment de disque de raffinage

Publication

EP 2508670 B1 20130821 (EN)

Application

EP 11160992 A 20110404

Priority

EP 11160992 A 20110404

Abstract (en)

[origin: EP2508670A1] The present disclosure provides a refining disc or a segment thereof, comprising a base (4) composed of a cast iron and teeth (5) composed of a metal carbide composite, which teeth protrude from the base, wherein the teeth are partially embedded in the base. A disc refiner (30) comprising a first and a second disc composed of such discs (1a,1b) or segments, said first and second discs being arranged such that the teeth of the first disc face the teeth of the second disc as well as a method of disintegrating a material using such as disc refiner are also provided.

IPC 8 full level

D21D 1/30 (2006.01); **D21D 1/00** (2006.01)

CPC (source: EP US)

D21D 1/008 (2013.01 - EP US); **D21D 1/306** (2013.01 - EP US)

Cited by

CN110088394A; CN103174049A; FR3024951A1; WO2016027019A1; EP3568520B1; EP3568520B2

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

DOCDB simple family (publication)

EP 2508670 A1 20121010; EP 2508670 B1 20130821; US 2014091163 A1 20140403; WO 2012136704 A1 20121011

DOCDB simple family (application)

EP 11160992 A 20110404; EP 2012056164 W 20120404; US 201214009600 A 20120404