

Title (en)

TWO-SHAFT SHREDDER HAVING QUICK CHANGE DEVICE

Title (de)

ZWEIWELLENZERKLEINERER MIT SCHNELLWECHSELVORRICHTUNG

Title (fr)

DESINTEGRATEUR A DEUX ARBRES COMPRENANT UN DISPOSITIF DE CHANGEMENT RAPIDE

Publication

EP 3248687 B1 20190911 (DE)

Application

EP 16170895 A 20160523

Priority

EP 16170895 A 20160523

Abstract (en)

[origin: WO2017202842A1] The invention relates to a crushing device comprising two crushing shafts arranged parallel to one another and having crushing elements arranged thereon, wherein the crushing shafts are preferably rotatable relative to one another in a mechanically synchronized manner, comprising a shaft-side coupling element, which is connected to a respective first end of the shredding shafts, and comprising a housing having a housing-side coupling element, which can be coupled to the shaft-side coupling element. The shredding device according to the invention is characterized by a displacement device, which causes displacement of the shredding shafts for uncoupling the shaft-side coupling element from or coupling the shaft-side coupling element to the housing-side coupling element.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 4/08** (2006.01); **B02C 18/24** (2006.01)

CPC (source: EP US)

B02C 4/08 (2013.01 - EP US); **B02C 4/32** (2013.01 - US); **B02C 4/42** (2013.01 - US); **B02C 18/142** (2013.01 - EP US); **B02C 18/24** (2013.01 - EP); **B02C 18/0007** (2013.01 - US); **B02C 18/06** (2013.01 - US); **B02C 18/146** (2013.01 - US); **B02C 2018/162** (2013.01 - US)

Cited by

EP3912727A1; CN112203770A; CN115041042A; WO2021245124A3; DE202020103188U1; WO2021245124A2; US11484886B2; US11819856B2; WO2019226888A1; EP3566777A1; WO2019215312A1; EP3799961A2; US12059686B2

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 3248687 A1 20171129; **EP 3248687 B1 20190911**; BR 112018074041 A2 20190226; CN 109414705 A 20190301; CN 109414705 B 20220225; PL 3248687 T3 20200331; US 11192115 B2 20211207; US 2020316609 A1 20201008; WO 2017202842 A1 20171130

DOCDB simple family (application)

EP 16170895 A 20160523; BR 112018074041 A 20170523; CN 201780032167 A 20170523; EP 2017062410 W 20170523; PL 16170895 T 20160523; US 201716304202 A 20170523