

Title (en)
CRUSHING APPARATUS

Title (de)
BRECHEINRICHTUNG

Title (fr)
DISPOSITIF DE CONCASSAGE

Publication
EP 3233287 A1 20171025 (DE)

Application
EP 15810671 A 20151217

Priority
• DE 102014018785 A 20141219
• EP 2015080168 W 20151217

Abstract (en)
[origin: WO2016097110A1] The invention relates to a crushing device (10) for crushing material to be crushed, comprising a housing (12), at least one crushing roller (30), at least one bearing (20) for bearing the crushing roller (30), and at least one substantially sleeve-shaped receiving device (16) arranged between the housing (12) and the bearing (20) in such a way that the receiving device (16) can rotate about its central axis (M2) relative to the housing (12), wherein the bearing (20) is eccentrically mounted in the receiving device (16), such that, via a rotation of the receiving device (16), the bearing (20) moves relative to the housing (12), wherein the crushing device (10) has a pre-tensioning element (38) that is arranged in such a way that it applies the receiving device (16; 36; 56) against the housing (12; 52) with a pre-tensioning force.

IPC 8 full level
B02C 4/02 (2006.01); **B02C 4/08** (2006.01); **B02C 4/32** (2006.01)

CPC (source: CN EP)
B02C 4/02 (2013.01 - CN EP); **B02C 4/08** (2013.01 - CN EP); **B02C 4/32** (2013.01 - CN EP)

Citation (search report)
See references of WO 2016097110A1

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)
DE 102014018785 A1 20160623; CN 107107064 A 20170829; CN 107107064 B 20190315; EP 3233287 A1 20171025;
EP 3233287 B1 20180912; WO 2016097110 A1 20160623

DOCDB simple family (application)
DE 102014018785 A 20141219; CN 201580069453 A 20151217; EP 15810671 A 20151217; EP 2015080168 W 20151217