

Title (en)  
CRUSHING BLADE ARRANGEMENT OF A CRUSHING DRUM

Title (de)  
ZERKLEINERUNGSSCHAUFELANORDNUNG EINER ZERKLEINERUNGSTROMMEL

Title (fr)  
AGENCEMENT DE LAME DE BROYAGE D'UN TAMBOUR DE BROYAGE

Publication  
**EP 3365502 B1 20191120 (EN)**

Application  
**EP 16801538 A 20161011**

Priority  
• FI 20155756 A 20151023  
• FI 2016050711 W 20161011

Abstract (en)  
[origin: WO2017068237A1] The invention relates to a crushing blade arrangement of a crushing drum, in which on the outer surface of the crushing drum are arranged a plurality of crushing blades. The arrangement includes, fixedly attached on the outer surface of the drum, a blade holder (1) with a receiving space (3) for an interchangeable blade piece (11). The blade piece (11) is composed of a horizontal blade portion (13) and a vertical shaft portion (12), which shaft portion (12) is adapted to be placed into the receiving space (3) of the blade holder and to be locked into it by means of a separate locking element. The receiving space (3) is shaped as an opening, which has on at least one side a locking protrusion (5) extending inwards to the opening. The shaft portion (12) of the blade piece (11) is shaped as substantially corresponding to the opening of the blade holder and equipped with a locking channel (15) corresponding to said at least one locking protrusion (5) and extending towards the interior space of the shaft, which locking protrusion (5) and locking channel (15) together form a form locking.

IPC 8 full level  
**E02F 9/28** (2006.01); **E02F 3/407** (2006.01)

CPC (source: EP FI KR US)  
**B02C 4/30** (2013.01 - FI); **B02C 13/28** (2013.01 - FI); **B02C 18/18** (2013.01 - FI); **B07B 1/14** (2013.01 - FI); **E02F 3/407** (2013.01 - EP KR US); **E02F 9/2825** (2013.01 - US); **E02F 9/2833** (2013.01 - US); **E02F 9/2858** (2013.01 - EP KR US); **E02F 9/2866** (2013.01 - 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

DOCDB simple family (publication)  
**WO 2017068237 A1 20170427**; AU 2016342462 A1 20180524; EP 3365502 A1 20180829; EP 3365502 B1 20191120;  
FI 127254 B 20180215; FI 20155756 A 20170424; JP 2018531787 A 20181101; KR 102601747 B1 20231113; KR 20180074753 A 20180703;  
US 2018305903 A1 20181025

DOCDB simple family (application)  
**FI 2016050711 W 20161011**; AU 2016342462 A 20161011; EP 16801538 A 20161011; FI 20155756 A 20151023; JP 2018519419 A 20161011;  
KR 20187014621 A 20161011; US 201615768947 A 20161011