

Title (en)

KEY MILLING PLATE SEGMENT, MILLING PLATE SEGMENT SYSTEM, AND METHOD FOR SAME

Title (de)

SCHLÜSSEL-MAHLTELLERSEGMENT, MAHLTELLERSEGMENTSYSTEM UND VERFAHREN HIERZU

Title (fr)

SEGMENT DE PLAQUE DE FRAISAGE À CLÉ, SYSTÈME DE SEGMENT DE PLAQUE DE FRAISAGE ET PROCÉDÉ ASSOCIÉ

Publication

EP 4135901 A1 20230222 (DE)

Application

EP 20720400 A 20200416

Priority

EP 2020060674 W 20200416

Abstract (en)

[origin: WO2021209133A1] The invention relates to a replaceable key milling plate segment for a milling path of a milling plate of a rolling mill, having a ring-like shape with an outer circumference and an inner circumference about a center. The length of the key milling plate segment inner edge lying closer to the center is greater than the length of the outer edge lying remotely from the center. The invention additionally relates to a milling plate segment, a rolling mill, and a method for replacing milling plate segments.

IPC 8 full level

B02C 15/00 (2006.01)

CPC (source: EP US)

B02C 15/003 (2013.01 - EP US); **B02C 2210/02** (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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021209133 A1 20211021; AU 2020442474 A1 20221103; AU 2020442474 B2 20240215; BR 112022020930 A2 20221227; CN 115515716 A 20221223; CN 115515716 B 20231226; DK 4135901 T3 20240819; EP 4135901 A1 20230222; EP 4135901 B1 20240529; JP 2023529059 A 20230707; JP 7427807 B2 20240205; MX 2022012993 A 20221208; US 2023191418 A1 20230622; ZA 202211068 B 20230531

DOCDB simple family (application)

EP 2020060674 W 20200416; AU 2020442474 A 20200416; BR 112022020930 A 20200416; CN 202080099816 A 20200416; DK 20720400 T 20200416; EP 20720400 A 20200416; JP 2022563071 A 20200416; MX 2022012993 A 20200416; US 202017996273 A 20200416; ZA 202211068 A 20221010