

Title (en)

CLEANING NOTCHES AND PASSAGES FOR A FEEDING OR REFINING ELEMENT

Title (de)

REINIGUNGSKERBEN UND -PASSAGEN FÜR EIN ZUFÜHR- ODER VEREDELUNGSELEMENT

Title (fr)

ENCOCHES ET PASSAGES DE NETTOYAGE POUR UN ÉLÉMENT D'ALIMENTATION OU DE RAFFINAGE

Publication

EP 3759276 A1 20210106 (EN)

Application

EP 19757665 A 20190220

Priority

- US 201862635143 P 20180226
- US 2019018758 W 20190220

Abstract (en)

[origin: US2019264389A1] A flinger or refiner plate for a mechanical refiner including deep notches or holes in feeder bars of the flinger plate and/or open passages or holes in bars of the refiner plate. The open passages and/or holes in the bars significantly reduce stagnate flow zones at the trailing side of the bars during operation of the mechanical refiner. The reduction of the stagnate flow zones may reduce or eliminate fiber accumulation at the trailing side of the bars.

IPC 8 full level

B02C 7/00 (2006.01); **B02C 7/12** (2006.01); **D21D 1/00** (2006.01); **D21D 1/30** (2006.01)

CPC (source: EP KR US)

D21D 1/008 (2013.01 - KR); **D21D 1/30** (2013.01 - US); **D21D 1/303** (2013.01 - US); **D21D 1/306** (2013.01 - EP KR US); **D21D 99/00** (2013.01 - KR)

Citation (search report)

See references of WO 2019164937A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2019264389 A1 20190829; BR 112020016507 A2 20201215; CA 3090180 A1 20190829; CN 111742100 A 20201002; EP 3759276 A1 20210106; JP 2021515112 A 20210617; KR 20200106201 A 20200911; MX 2020008174 A 20200925; RU 2020131522 A 20220329; WO 2019164937 A1 20190829

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US 201916280718 A 20190220; BR 112020016507 A 20190220; CA 3090180 A 20190220; CN 201980014657 A 20190220; EP 19757665 A 20190220; JP 2020543565 A 20190220; KR 20207023749 A 20190220; MX 2020008174 A 20190220; RU 2020131522 A 20190220; US 2019018758 W 20190220