

Title (en)
CUTTING DRUM FOR BORER MINER

Title (de)
SCHNEIDTROMMEL FÜR BOHR-ABBAUMASCHINE

Title (fr)
TAMBOUR DE COUPE POUR MINEUR DE TYPE FOREUSE

Publication
EP 3688284 B1 20210818 (EN)

Application
EP 17784883 A 20170929

Priority
EP 2017074757 W 20170929

Abstract (en)
[origin: WO2019063088A1] A cutting drum for a borer-type continuous miner and in particular, although not exclusively, to a bottom cutting drum mountable immediately behind forwardmost primary cutting rotors. The cutting drum comprises a plurality of material transport blades extending lengthwise along the drum between the pick holders and positioned side-by-side in a circumferential direction around the drum to cover an outward facing drum face. The blades are effective to provide transport of cut material to minimise power consumption of the cutting head and accelerated wear of cutting picks.

IPC 8 full level
E21C 25/10 (2006.01); **E21C 25/52** (2006.01); **E21C 27/12** (2006.01); **E21C 27/22** (2006.01); **E21C 27/24** (2006.01)

CPC (source: EP RU)
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E21C 27/24 (2013.01 - EP RU)

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US 2010270849 A1 20101028 - EBNER BERNHARD [AT], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2019063088 A1 20190404; CA 3075427 A1 20190404; CN 111148886 A 20200512; CN 111148886 B 20220614; EP 3688284 A1 20200805; EP 3688284 B1 20210818; ES 2893534 T3 20220209; PL 3688284 T3 20211220; RU 2742930 C1 20210211

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