

Title (en)

MINING MACHINE AND METHOD FOR OPERATING A MINING MACHINE

Title (de)

BERGBAUMASCHINE UND VERFAHREN ZUM BETREIBEN EINER BERGBAUMASCHINE

Title (fr)

MACHINE D'EXTRACTION ET PROCÉDÉ POUR FAIRE FONCTIONNER UNE MACHINE D'EXTRACTION

Publication

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Application

EP 17741735 A 20170117

Priority

- SE 1650078 A 20160122
- SE 2017050037 W 20170117

Abstract (en)

[origin: WO2017127009A1] Mining machine (1) for driving tunnels, said mining machine (1) including: a cutting head (5) having rock engaging cutting elements (5'), a rotator (32) for driving said cutting head (5), means for forcing the cutting head against rock to be worked so as to disintegrate the rock, and means (7,7') for transporting away released material. The cutting head is on an upper side is attached to a one-sided support unit. The mining machine includes a pressing unit arranged to press the cutting head (5) linearly against rock to be worked, and the rotator (32) is arranged to rotate the cutting head (5) in a first rotational direction during a cut where the cutting head is in a first side position and in a second rotational direction in a cut where the cutting head is in a second side position. The invention also relates to a method.

IPC 8 full level

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CPC (source: EP SE)

E21C 25/16 (2013.01 - SE); **E21C 27/24** (2013.01 - EP SE); **E21D 9/1013** (2013.01 - SE); **E21D 9/102** (2013.01 - EP)

Citation (search report)

- [A] US 2010314931 A1 20101216 - EBNER BERNHARD [AT], et al
- [A] US 4548442 A 19851022 - SUGDEN DAVID B [AU], et al
- See references of WO 2017127009A1

Cited by

CN114135309A

Designated contracting state (EPC)

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DOCDB simple family (application)

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