

Title (en)

Stone milling machine with rotating milling tool having percussive action

Title (de)

Fräsmaschine mit rotierendem Fräswerkzeug mit Schlagwirkung für gesteinsartige Materialien

Title (fr)

Machine de fraisage de pierre à outil rotatif ayant une action percutante

Publication

EP 0922551 A3 20000301 (DE)

Application

EP 98123221 A 19981207

Priority

DE 19754371 A 19971209

Abstract (en)

[origin: US6203113B1] A rotatable cutting drum to be mounted on a machine for mining or for milling a surface such as a roadway. The drum is equipped with a set of movable bits or chisels which impact on the surface to be cut. The movable bits or chisels are impacted by pendulums mounted on a rotating cylinder mounted inside of the drum so that a percussive force is generated to assist cutting.

IPC 1-7

B28D 1/18

IPC 8 full level

B23C 1/02 (2006.01); **B28D 1/18** (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP US)

B28D 1/181 (2013.01 - EP US)

Citation (search report)

- [X] US 4334799 A 19820615 - RAUTENBACH JACOBUS J, et al
- [DA] DE 19634514 C1 19970717 - WENDEL NIKOLAUS [DE]

Cited by

CN101942796A; US7908946B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6203113 B1 20010320; CZ 394398 A3 19990811; EA 001282 B1 20001225; EA 199800994 A2 19990826; EA 199800994 A3 19991229; EP 0922551 A2 19990616; EP 0922551 A3 20000301; JP H11235614 A 19990831; PL 330181 A1 19990621; TR 199802480 A2 19990621

DOCDB simple family (application)

US 19938998 A 19981125; CZ 394398 A 19981202; EA 199800994 A 19981208; EP 98123221 A 19981207; JP 34911998 A 19981208; PL 33018198 A 19981209; TR 9802480 A 19981127