

Title (en)
Rotating chisel assembly with wear disc

Title (de)
Fräsmeißelanordnung mit Verschleißscheibe

Title (fr)
Trépan racleur doté d'un disque d'usure

Publication
EP 2405098 A3 20180103 (DE)

Application
EP 11004038 A 20110516

Priority
DE 102010026106 A 20100705

Abstract (en)
[origin: EP2405098A2] The arrangement (100) has a chisel holder (10) fastened or fixed to a milling drum. A milling bit (20) is secured in a hole of the holder, and rotates around a longitudinal axis. An anti-swiveling wear plate (30) is arranged between a stop surface of the holder and a milling bit head (21) of the bit. An anti-twist plate is arranged between the wear plate and the holder through a groove (31) formed in an external periphery of the wear plate. An intervening guide channel (11) formed at the holder is inserted into the groove. The wear plate is made of a spring steel material.

IPC 8 full level
E21C 35/183 (2006.01)

CPC (source: EP US)
E21C 35/183 (2013.01 - EP US)

Citation (search report)

- [XYI] EP 0639437 A1 19950222 - WIRTGEN GMBH [DE]
- [Y] DE 19922206 A1 20001123 - BETEK BERGBAU & HARTMETALL [DE]
- [Y] DE 19856916 C1 20000831 - BETEK BERGBAU & HARTMETALL [DE]
- [Y] US 5067775 A 19911126 - D ANGELO MARK D [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

DOCDB simple family (publication)
EP 2405098 A2 20120111; EP 2405098 A3 20180103; EP 2405098 B1 20200429; CN 102310488 A 20120111; CN 102310488 B 20150204; DE 102010026106 A1 20120105; US 2012068526 A1 20120322; US 8770669 B2 20140708

DOCDB simple family (application)
EP 11004038 A 20110516; CN 201110184289 A 20110704; DE 102010026106 A 20100705; US 201113174426 A 20110630