

Title (en)

METHOD FOR HANDLING DRILL CUTTINGS, DUST COLLECTION SYSTEM FOR ROCK DRILLING RIG, AND CHANGER UNIT

Title (de)

VERFAHREN ZUR HANDHABUNG VON BOHRKLEIN, STAUBSAMMELSYSTEM FÜR EINE STEINBOHRANLAGE UND WECHSELEINHEIT DAFÜR

Title (fr)

PROCÉDÉ DE MANIPULATION DE DÉBLAIS DE FORAGE, SYSTÈME DE COLLECTE DE POUSSIÈRE POUR ENGIN DE FORAGE DE ROCHE, ET UNITÉ DE CHANGEMENT

Publication

**EP 2321490 A4 20161109 (EN)**

Application

**EP 09812742 A 20090909**

Priority

- FI 2009050721 W 20090909
- FI 20085848 A 20080910

Abstract (en)

[origin: WO2010029216A1] The invention relates to a method for handling drill cuttings, a dust collection system for a rock drilling rig and a changer unit. Drill cuttings are directed on the basis of water content either to a dust separator (14) or away from the dust collection system before the dust separator (14) so as to prevent problems caused to the dust collection system by excessively aqueous drill cuttings. Drill cuttings may be directed with the changer unit (16) by selecting the operating position of the changer unit (16) on the basis of the water content.

IPC 8 full level

**E21B 21/07** (2006.01); **E21B 7/02** (2006.01); **E21B 21/01** (2006.01); **E21B 21/015** (2006.01)

CPC (source: EP FI US)

**E21B 7/025** (2013.01 - EP); **E21B 21/01** (2013.01 - FI); **E21B 21/015** (2013.01 - EP FI US); **E21B 21/07** (2013.01 - EP FI)

Citation (search report)

- [A] JP H11247576 A 19990914 - FURUKAWA CO LTD
- [A] GB 400311 A 19331026 - KELLEY ATWELL DEV CORP
- See also references of WO 2010029216A1

Cited by

AU2021403223B2; US11199062B1; WO2022132348A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010029216 A1 20100318**; AU 2009290778 A1 20100318; CN 102149897 A 20110810; EP 2321490 A1 20110518; EP 2321490 A4 20161109; EP 2321490 B1 20190116; FI 20085848 A0 20080910; FI 20085848 L 20100311; JP 2012500348 A 20120105; JP 5289570 B2 20130911

DOCDB simple family (application)

**FI 2009050721 W 20090909**; AU 2009290778 A 20090909; CN 200980135123 A 20090909; EP 09812742 A 20090909; FI 20085848 A 20080910; JP 2011523432 A 20090909