

Title (en)

Method, rock drilling rig and control apparatus

Title (de)

Verfahren, Felsenbohranlage und Steuerungsvorrichtung

Title (fr)

Procédé, installation de forage de roches et appareil de commande

Publication

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Application

EP 12180760 A 20120817

Priority

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Abstract (en)

Method and control apparatus for controlling more than one rock drilling rig operating on the same working site (1), and a rock drilling rig (3a, 3b). A master (5; 5') controls the drilling by the rock drilling rigs (3a, 3b) via a wireless network (NW) and sends the rig the necessary information about the drilling plan of the working site (1).

IPC 8 full level

E21B 15/04 (2006.01); **E21B 7/02** (2006.01); **E21B 43/30** (2006.01); **E21B 44/00** (2006.01); **E21C 37/16** (2006.01)

CPC (source: CN EP US)

E21B 7/022 (2013.01 - CN EP US); **E21B 15/045** (2013.01 - EP US); **E21B 43/30** (2013.01 - CN EP US); **E21B 44/00** (2013.01 - CN EP US); **E21C 37/16** (2013.01 - EP US)

Citation (search report)

- [Y] WO 2009129143 A1 20091022 - SHELL OIL CO [US], et al
- [XYI] US 2012103598 A1 20120503 - NADEAU FREDERIC [CA], et al
- [A] US 6957707 B2 20051025 - KOIVUNEN PERTTI [FI], et al

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2698498 A1 20140219; AU 2013202525 A1 20140306; AU 2013202525 B2 20150416; CA 2881259 A1 20140220; CL 2015000342 A1 20151002; CN 104583534 A 20150429; US 2015218928 A1 20150806; WO 2014027137 A1 20140220; ZA 201500988 B 20160127

DOCDB simple family (application)

EP 12180760 A 20120817; AU 2013202525 A 20130404; CA 2881259 A 20130808; CL 2015000342 A 20150213; CN 201380043782 A 20130808; FI 2013050787 W 20130808; US 201314421992 A 20130808; ZA 201500988 A 20150211