

Title (en)

PULSED ELECTRIC ROCK DRILLING, FRACTURING, AND CRUSHING METHODS AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GEPULSTEN ELEKTRISCHEN GESTEINSBOHREN, BRECHEN UND ZERKLEINERN

Title (fr)

PROCÉDÉS ET DISPOSITIF DE FORAGE, DE FRACTURATION ET DE CONCASSAGE DE ROCHES À COURANT PULSE

Publication

**EP 1789652 A2 20070530 (EN)**

Application

**EP 05791498 A 20050822**

Priority

- US 2005030178 W 20050822
- US 60350904 P 20040820
- US 20857905 A 20050819
- US 20867105 A 20050819
- US 20876605 A 20050819
- US 20895005 A 20050819

Abstract (en)

[origin: WO2006023998A2] The present invention provides for pulsed power rock drilling apparatuses, systems, and methods and an electrical insulating fluid applicable to the embodiments disclosed.

IPC 8 full level

**E21B 7/15** (2006.01); **E21C 37/18** (2006.01)

CPC (source: EP)

**E21B 7/15** (2013.01); **E21C 37/18** (2013.01)

Cited by

EP4112867A1; WO2023275261A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2006023998 A2 20060302; WO 2006023998 A3 20090430**; AU 2005277008 A1 20060302; AU 2005277008 B2 20111006; CA 2581701 A1 20060302; CA 2581701 C 20131008; EP 1789652 A2 20070530; EP 1789652 A4 20120530; EP 1789652 B1 20191120; EP 3620605 A2 20200311; EP 3620605 A3 20200408; EP 3620605 B1 20220824

DOCDB simple family (application)

**US 2005030178 W 20050822**; AU 2005277008 A 20050822; CA 2581701 A 20050822; EP 05791498 A 20050822; EP 19205048 A 20050822