

Title (en)  
A WIRED SMART REAMER

Title (de)  
VERDRAHTETER, INTELLIGENTER RÄUMER

Title (fr)  
ALÉSOIR INTELLIGENT CÂBLÉ

Publication  
**EP 2167779 A4 20150318 (EN)**

Application  
**EP 07798111 A 20070605**

Priority  
US 2007070396 W 20070605

Abstract (en)  
[origin: WO2008150290A1] A wired reamer for use on a downhole drillstring is disclosed. In some embodiments, the reamer includes a reamer body comprising a pathway therethrough and wiring located within the pathway for transmitting at least one of power or communications. In other embodiments, the reamer includes a reamer body comprising a pathway enclosed within the reamer body, wiring located within the pathway for transmitting at least one of power or communications, a sensor and a processor located within the reamer body. The sensor is connected with the wiring for transmitting data measured by the sensor through the wiring, and the processor is connected with the wiring for receiving the data from the sensor.

IPC 8 full level  
**E21B 10/32** (2006.01)

CPC (source: EP US)  
**E21B 10/322** (2013.01 - EP US); **E21B 47/01** (2013.01 - EP US); **E21B 47/08** (2013.01 - EP US); **E21B 47/12** (2013.01 - EP US)

Citation (search report)

- [XY] US 2006096786 A1 20060511 - WELLS GARY D [US]
- [Y] US 6217260 B1 20010417 - HE DEXIN [CN]
- See references of WO 2008150290A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2008150290 A1 20081211**; AU 2007354709 A1 20081211; AU 2007354709 B2 20140417; BR PI0721726 A2 20130213; CA 2687739 A1 20081211; CA 2687739 C 20140527; CN 101743376 A 20100616; CN 101743376 B 20130508; EP 2167779 A1 20100331; EP 2167779 A4 20150318; MX 2009013291 A 20100125; NO 20100006 L 20100106; US 2010282511 A1 20101111

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