

Title (en)  
DRILL BIT ASSEMBLY WITH A LOGGING DEVICE

Title (de)  
BOHRSPITZENANORDNUNG MIT EINER BOHRLOCHVERMESSUNGSVORRICHTUNG

Title (fr)  
ENSEMBLE TRÉPAN ÉQUIPÉ D'UN DISPOSITIF DE DIAGRAPHIE

Publication  
**EP 1999342 A4 20141105 (EN)**

Application  
**EP 07759037 A 20070321**

Priority  

- US 2007064544 W 20070321
- US 27738006 A 20060324
- US 30602206 A 20061214
- US 30630706 A 20061222

Abstract (en)  
[origin: WO2007130749A2] In some aspects of the present invention, a drill bit assembly has a body portion intermediate a shank portion and a working portion. The working portion has at least one cutting element. In some embodiments, the drill bit assembly has a shaft with an end substantially coaxial to a central axis of the assembly. The end of the shaft substantially protrudes from the working portion, and at least one downhole logging device is disposed within or in communication with the shaft.

IPC 8 full level  
**E21B 47/00** (2012.01); **E21B 10/00** (2006.01); **E21B 10/26** (2006.01); **E21B 10/60** (2006.01); **E21B 47/013** (2012.01); **E21B 47/12** (2012.01); **E21B 49/00** (2006.01)

CPC (source: EP US)  
**E21B 10/60** (2013.01 - EP); **E21B 47/013** (2020.05 - EP US)

Citation (search report)  

- [XY] WO 2004046505 A2 20040603 - SHELL INT RESEARCH [NL], et al
- [X] US 3700049 A 19721024 - TIRASPOLSKY WLADIMIR, et al
- [A] GB 2318372 A 19980422 - BAKER HUGHES INC [US]
- [A] WO 0017488 A1 20000330 - SHELL INT RESEARCH [NL], et al
- [Y] RUNIA J ET AL: "THROUGH BIT LOGGING: A NEW METHOD TO ACQUIRE LOG DATA", PETROPHYSICS, SOCIETY OF PROFESSIONAL WELL LOG ANALYSTS, HOUSTON, TX, US, vol. 46, no. 4, 1 August 2005 (2005-08-01), pages 289 - 294, XP002571503, ISSN: 1529-9074
- [XY] RUNIA ET AL: "Through Bit logging: Applications in Difficult Wells, Offshore North Sea", SPE/IADC DRILLING CONFERENCE 2005 : HELD FEBRUARY 23 - 25, 2005, AMSTERDAM, THE NETHERLANDS, RICHARDSON, TEX.: SOCIETY OF PETROLEUM ENGINEERS, no. 92256, 23 February 2005 (2005-02-23), pages 1 - 8, XP002571502
- See also references of WO 2007130749A2

Cited by  
CN104405291A

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007130749 A2 20071115; WO 2007130749 A3 20081016**; AU 2007248310 A1 20071115; AU 2007248310 B2 20120607; BR PI0709363 A2 20110712; CA 2647416 A1 20071115; CA 2647416 C 20140506; CN 101454537 A 20090610; CN 101454537 B 20130206; EP 1999342 A2 20081210; EP 1999342 A4 20141105; MX 2008012078 A 20090406; MY 144681 A 20111031; NO 20084384 L 20081020

DOCDB simple family (application)  
**US 2007064544 W 20070321**; AU 2007248310 A 20070321; BR PI0709363 A 20070321; CA 2647416 A 20070321; CN 200780019023 A 20070321; EP 07759037 A 20070321; MX 2008012078 A 20070321; MY PI20083683 A 20070321; NO 20084384 A 20081020