

Title (en)
A CORE ORIENTATION TOOL

Title (de)
KERNAUSRICHTUNGSWERKZEUG

Title (fr)
OUTIL D'ORIENTATION PRINCIPAL

Publication
EP 3252264 A1 20171206 (EN)

Application
EP 17181691 A 20080319

Priority
• AU 2007901412 A 20070319
• EP 08714440 A 20080319

Abstract (en)
A core orientation tool 10 for providing an indication of orientation of a core sample 112 comprises an electronic orientation device 20, which upon receipt of a trigger signal, logs one or more indications of orientation of the tool 10. A trigger system 24 provides trigger signals to the electronic device 20 based one or both of (a) detecting one or more downhole events and (b) the effluxion of time. The downhole events relate to the action of core breaking and may include detecting: uphole motion of the tool; and, cessation of drilling and commencement of drilling.

IPC 8 full level
E21B 25/16 (2006.01); **E21B 49/02** (2006.01)

CPC (source: EP)
E21B 25/16 (2013.01)

Citation (applicant)
• AU 2006901298 A 20060314
• WO 2007109848 A1 20071004 - 2IC AUSTRALIA PTY LTD [AU], et al
• WO 2007137356 A1 20071206 - 2IC AUSTRALIA PTY LTD [AU], et al
• WO 03038232 A1 20030508 - IND INNOVATIONS AND CONCEPTS P [AU], et al
• WO 2005078232 A1 20050825 - 2IC AUSTRALIA PTY LTD [AU], et al
• AU 2006901550 A 20060327
• AU 2006902873 A 20060529

Citation (search report)
• [A] GB 2318372 A 19980422 - BAKER HUGHES INC [US]
• [A] WO 2004076799 A2 20040910 - CHARLES MACHINE WORKS [US], et al
• [A] RU 2160821 C2 20001220 - TIE PILOT, et al

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008113127 A1 20080925; AU 2008100249 A4 20080612; AU 2008100249 B4 20081218; AU 2008229644 A1 20080925;
AU 2008229644 B2 20110616; EP 2134921 A1 20091223; EP 2134921 A4 20151007; EP 2134921 B1 20170920; EP 3252264 A1 20171206;
ES 2653849 T3 20180209; NO 2134921 T3 20180217; PT 2134921 T 20180102; ZA 200907176 B 20101229

DOCDB simple family (application)
AU 2008000395 W 20080319; AU 2008100249 A 20080319; AU 2008229644 A 20080319; EP 08714440 A 20080319; EP 17181691 A 20080319;
ES 08714440 T 20080319; NO 08714440 A 20080319; PT 08714440 T 20080319; ZA 200907176 A 20091014