Title (en)
IMPROVED SLIDING ANCHOR

Title (de)
VERBESSERTER GLEITANKER

Title (fr)
ANCRAGE COULISSANT AMÉLIORÉ

Publication
EP 2087203 A1 20090812 (DE)

Application
EP 07819726 A 20071109

Priority
• EP 2007009733 W 20071109
• DE 102006053141 A 20061110

Abstract (en)
[origin: WO2008055696A1] The invention relates to a sliding anchor (10) for inserting in a borehole. The sliding anchor (10) has an anchor rod (12) on which is arranged a sliding control element (14) with a through opening (18) through which the anchor rod (12) extends. The sliding control element (14) comprises a sliding body cage (16) which has at least one cutout (20) for accommodating a sliding body (22) which is in contact with the outer surface of the anchor rod (12). In order to set a predefined breakaway force in a precise and accurately reproducible manner, each cutout (20) is arranged tangentially to the outer surface of the anchor rod (12) for the purpose of accommodating a sliding body (22) in the sliding body cage (16). Furthermore, the outer enveloping surface of each cutout (20) protrudes by a predefined amount into the free cross section of the through opening (18), and each sliding body (22) completely fills the cross section of the cutout (20) associated therewith.

IPC 8 full level
E21D 21/00 (2006.01)

CPC (source: EP KR US)
E21D 21/00 (2013.01 - KR); **E21D 21/0033** (2013.01 - EP US); **E21D 21/008** (2013.01 - EP US)

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

Designated extension state (EPC)
HR RS

DOCDB simple family (publication)
WO 2008055696 A1 20080515; AT E455235 T1 20100115; AU 2007316905 A1 20080515; AU 2007316905 B2 20110120;
BR PI0716667 A2 20131210; CA 2660496 A1 20080515; CA 2660496 C 20110802; CL 2007003140 A1 20080404; CN 101506468 A 20090812;
CN 101506468 B 20110615; CY 2200166 T2 20100728; DE 102006053141 B3 20080619; DE 502007002647 D1 20100304;
DK 2087203 T3 20100503; EP 2087203 A1 20090812; EP 2087203 B1 20100113; ES 2328663 T1 20091117; ES 2328663 T3 20100422;
HK 1131649 A1 20100129; HR P20100084 T1 20100430; IL 197263 A0 20091224; IL 197263 A 20120131; JP 2010507032 A 20100304;
JP 4741703 B2 20110810; KR 101088500 B1 20111201; KR 20090051052 A 20090520; ME P6409 A 20111220; MX 2009004927 A 20090519;
NO 20091918 L 20090518; PE 20081143 A1 20080918; PL 2087203 T3 20100630; PT 2087203 E 20100128; RS 51267 B 20101231;
RU 2410541 C2 20110127; SI 2087203 T1 20100531; US 2009269159 A1 20091029; US 7955034 B2 20110607; ZA 200900972 B 20091230

DOCDB simple family (application)
EP 2007009733 W 20071109; AT 07819726 T 20071109; AU 2007316905 A 20071109; BR PI0716667 A 20071109; CA 2660496 A 20071109;
CL 2007003140 A 20071030; CN 200780030628 A 20071109; CY 092200001 T 20090908; DE 102006053141 A 20061110;
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MX 2009004927 A 20071109; NO 20091918 A 20090518; PE 2007001480 A 20071030; PL 07819726 T 20071109; PT 07819726 T 20071109;
RS P20100056 A 20071109; RU 2009113231 A 20071109; SI 200730209 T 20071109; US 43856207 A 20071109; ZA 200900972 A 20090211