

Title (en)  
IMPROVED SLIDING ANCHOR

Title (de)  
VERBESSERTER GLEITANKER

Title (fr)  
ANCRAGE COULISSANT AMÉLIORÉ

Publication  
**EP 2247827 A1 20101110 (DE)**

Application  
**EP 08716147 A 20080229**

Priority  
EP 2008001625 W 20080229

Abstract (en)  
[origin: WO2009106099A1] 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) has a sliding body cage (16) with at least one cut-out (20) for accommodating a sliding body (22) which is in contact with the outer surface of the anchor rod (12) and an anchor plate (24), for making contact with a region around the mouth of the drilling when the sliding anchor (10) is introduced into the drilling. In contrast to conventional sliding anchors the anchor plate (24) is in a force transmitting connection with the sliding body cage (16), wherein it is simple to provide a device which results in a further available sliding path for the sliding anchor.

IPC 8 full level  
**E21D 21/00** (2006.01)

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

Citation (search report)  
See references of WO 2009106099A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009106099 A1 20090903**; AT E522699 T1 20110915; AU 2008351618 A1 20090903; AU 2008351618 B2 20111027; BR PI0822279 A2 20150630; CA 2715794 A1 20090903; CA 2715794 C 20130813; CL 2009000192 A1 20091218; CN 101970798 A 20110209; CN 101970798 B 20130403; DK 2247827 T3 20111219; EP 2247827 A1 20101110; EP 2247827 B1 20110831; ES 2371019 T3 20111226; HK 1149784 A1 20111014; HR P20110662 T1 20111130; IL 207806 A0 20101230; JP 2011513606 A 20110428; JP 4980469 B2 20120718; KR 20100134626 A 20101223; MX 2010009475 A 20100928; PE 20100133 A1 20100303; PL 2247827 T3 20120131; PT 2247827 E 20110930; SI 2247827 T1 20120131; US 2011002745 A1 20110106; US 8465238 B2 20130618; ZA 201005977 B 20110428

DOCDB simple family (application)  
**EP 2008001625 W 20080229**; AT 08716147 T 20080229; AU 2008351618 A 20080229; BR PI0822279 A 20080229; CA 2715794 A 20080229; CL 2009000192 A 20090129; CN 200880127605 A 20080229; DK 08716147 T 20080229; EP 08716147 A 20080229; ES 08716147 T 20080229; HK 11103546 A 20110407; HR P20110662 T 20110914; IL 20780610 A 20100825; JP 2010547958 A 20080229; KR 20107021809 A 20080229; MX 2010009475 A 20080229; PE 2009000123 A 20090129; PL 08716147 T 20080229; PT 08716147 T 20080229; SI 200830450 T 20080229; US 91882108 A 20080229; ZA 201005977 A 20100823