

Title (en)
GENERATOR DRIVEN BY DRILL PIPE

Title (de)
DURCH BOHRGESTÄNGE BETRIEBENER GENERATOR

Title (fr)
GÉNÉRATEUR ACTIONNÉ PAR TUBE DE FORAGE

Publication
EP 2900912 A4 20160615 (EN)

Application
EP 12885407 A 20120926

Priority
US 2012057344 W 20120926

Abstract (en)
[origin: WO2014051575A1] A rotating control device for sealing about a drill pipe can include a seal which can sealingly engage the drill pipe, and a generator which generates electricity in response to rotation of the drill pipe while the seal sealingly engages the drill pipe. A method of generating electricity from rotation of a drill pipe can include sealingly engaging the drill pipe with a seal of a rotating control device, and generating electricity in response to the rotation of the drill pipe. A system for generating electricity can include a rotating control device which seals about a drill pipe while the drill pipe rotates, the rotating control device comprising a seal and a generator which generates electricity in response to rotation of the drill pipe.

IPC 8 full level
E21B 44/00 (2006.01); **E21B 33/02** (2006.01)

CPC (source: EP US)
E21B 33/085 (2013.01 - EP US); **E21B 41/0085** (2013.01 - EP US); **H02K 7/1869** (2013.01 - EP US); **H02K 7/1807** (2013.01 - EP US); **H02K 7/1823** (2013.01 - EP US)

Citation (search report)

- [E] EP 2912258 A2 20150902 - WEATHERFORD TECHNOLOGY HOLDINGS LLC [US]
- [XA] US 2007079989 A1 20070412 - BANKSTON BILLY [US], et al
- See references of WO 2014051575A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2014051575 A1 20140403; AU 2012391070 A1 20150319; AU 2012391070 B2 20161117; BR 112015004158 A2 20170704; CA 2881771 A1 20140403; EP 2900912 A1 20150805; EP 2900912 A4 20160615; MX 2015003601 A 20150605; RU 2015108411 A 20161120; US 2014311806 A1 20141023

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