

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)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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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**US 2012057344 W 20120926**; AU 2012391070 A 20120926; BR 112015004158 A 20120926; CA 2881771 A 20120926; EP 12885407 A 20120926; MX 2015003601 A 20120926; RU 2015108411 A 20120926; US 201214356790 A 20120926