

Title (en)  
WELLBORE DRILLING ACCELERATOR AND TUBULAR CONNECTION

Title (de)  
BOHRLOCHBOHRBESCHLEUNIGER UND ROHRVERBINDUNG

Title (fr)  
ACCÉLÉRATEUR DE FORAGE DE PUITS ET CONNEXION TUBULAIRE

Publication  
**EP 2260172 A4 20160504 (EN)**

Application  
**EP 09720006 A 20090313**

Priority

- CA 2009000313 W 20090313
- US 3632808 P 20080313
- US 7605008 P 20080626
- US 13801708 P 20081216

Abstract (en)  
[origin: WO2009111887A1] A drilling accelerator that is driven from a rotational drive to generate a percussive axial motion on a drill bit. The drilling accelerator includes a drive connection to mechanically convert rotational drive to axially directed percussive motion. A wellbore tubular connection is also disclosed that transitions torque to resist back off when left hand or right hand torque is applied.

IPC 8 full level  
**E21B 4/00** (2006.01); **E21B 4/10** (2006.01); **E21B 6/00** (2006.01); **E21B 17/042** (2006.01); **E21B 17/043** (2006.01); **E21B 17/046** (2006.01); **E21B 17/07** (2006.01)

CPC (source: EP)  
**E21B 4/006** (2013.01); **E21B 4/10** (2013.01); **E21B 17/0426** (2013.01); **E21B 17/043** (2013.01)

Citation (search report)

- [XAI] WO 0055468 A1 20000921 - GRAY IAN [AU]
- [XAI] WO 9848141 A1 19981029 - ANDERGAUGE LTD [GB], et al
- [A] CA 2500155 A1 20060914 - CROOKS DALE G [CA]
- See references of WO 2009111887A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2009111887 A1 20090917**; CA 2717484 A1 20090917; CA 2717484 C 20170919; EP 2260172 A1 20101215; EP 2260172 A4 20160504; EP 2260172 B1 20171011; PL 2260172 T3 20181231

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