

Title (en)  
ECCENTRIC SLEEVE FOR DIRECTIONAL DRILLING SYSTEMS

Title (de)  
EXZENTRISCHER MANTEL FÜR RICHTBOHRSYSTEME

Title (fr)  
MANCHON EXCENTRÉ POUR SYSTÈMES DE FORAGE DIRECTIONNELS

Publication  
**EP 2773836 A2 20140910 (EN)**

Application  
**EP 12787979 A 20121025**

Priority

- US 201113289729 A 20111104
- US 2012061774 W 20121025

Abstract (en)  
[origin: WO2013066695A2] A drill bit includes a bit body configured to rotate about a bit rotational axis and a sleeve coupled to the bit body. The sleeve is coupled to the bit body on an uphole portion of the bit body. The sleeve has a smaller diameter than the bit body and is aligned at the edge of the circumference of the bit body.

IPC 8 full level  
**E21B 7/06** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2013066695A2

Designated contracting state (EPC)  
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