

Title (en)  
TORQUE REDUCING TUBING COMPONENT

Title (de)  
DREHMOMENTREDUZIERENDE ROHRKOMPONENTE

Title (fr)  
COMPOSANT DE TUBAGE REDUCTEUR DE COUPLE

Publication  
**EP 1350004 A1 20031008 (EN)**

Application  
**EP 01271099 A 20011129**

Priority  
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Abstract (en)  
[origin: WO0250397A1] A torque reducing tubing component for insertion in a tubing string to be used in a bore hole. Upsets (22,30,24,26,28) are mounted on the outer surface of the component which reduce the contact between the tubing string and the bore hole wall thereby reducing friction between the tubing string and the bore wall. Grooves (46) on the upsets act to channel fluid around the upsets creating a fluid bearing film between the contact points of the tubing string and the bore wall. A pressure differential is also created around the upsets serving to attract fluid away from the bore wall so improving the efficiency of the circulation of fluid to the surface. Particular reference is made to a torque reducing tubing component for use in a drill string which improves the efficiency of cuttings removal.

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