

Title (en)  
A DEFLECTION JOINT

Title (de)  
VERBINDUNGSTEIL ZUR RICHTUNGSÄNDERUNG

Title (fr)  
RACCORD DE DEVIATION

Publication  
**EP 1360391 A1 20031112 (EN)**

Application  
**EP 02711096 A 20020215**

Priority  
• GB 0200666 W 20020215  
• GB 0103803 A 20010216

Abstract (en)  
[origin: WO02066779A1] A deflection joint (10) for use in a well bore (12) comprises: an element provided with at least one pivot means pivotable about an axis; and at least one roller means (30,32,34) for reducing friction when the deflection joint is moved within said well bore.

IPC 1-7  
**E21B 7/06**

IPC 8 full level  
**E21B 17/02** (2006.01); **E21B 23/14** (2006.01)

CPC (source: EP)  
**E21B 17/02** (2013.01); **E21B 23/14** (2013.01)

Citation (search report)  
See references of WO 02066779A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 02066779 A1 20020829**; CA 2438358 A1 20020829; EP 1360391 A1 20031112; GB 0103803 D0 20010404

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**GB 0200666 W 20020215**; CA 2438358 A 20020215; EP 02711096 A 20020215; GB 0103803 A 20010216