

Title (en)

A DRILLING TOOL USED IN HORIZONTAL DRILLING APPLICATIONS

Title (de)

BEI HORIZONTALBOHRANWENDUNGEN VERWENDETES BOHRWERKZEUG

Title (fr)

OUTIL DE FORAGE UTILISE DANS DES APPLICATIONS DE FORAGE HORIZONTALES

Publication

**EP 1339939 B1 20061213 (EN)**

Application

**EP 01975838 A 20011009**

Priority

- AU 0101260 W 20011009
- AU PR068900 A 20001012

Abstract (en)

[origin: WO231313A1] A drilling tool for enlarging previously drilled horizontal bore holes. The tool has a guide surface forward of the drilling means to engage in the previously drilled hole and a stabilising surface behind the drilling means to engage in the larger hole to support the drilling means. The guide and stabilising surfaces may include ribs, helical ribs, rings or rollers. A mud motor may be placed between the drilling means and the stabilising surface.

IPC 8 full level

**E21B 10/28** (2006.01); **E21B 7/28** (2006.01); **E21B 17/10** (2006.01)

CPC (source: EP)

**E21B 7/28** (2013.01); **E21B 10/28** (2013.01); **E21B 17/1078** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0231313 A1 20020418**; AT E348241 T1 20070115; AU PR068900 A0 20001109; CN 1282816 C 20061101; CN 1469964 A 20040121; DE 60125228 D1 20070125; DE 60125228 T2 20070927; EP 1339939 A1 20030903; EP 1339939 A4 20050406; EP 1339939 B1 20061213; HK 1060610 A1 20040813; RU 2276246 C2 20060510

DOCDB simple family (application)

**AU 0101260 W 20011009**; AT 01975838 T 20011009; AU PR068900 A 20001012; CN 01817317 A 20011009; DE 60125228 T 20011009; EP 01975838 A 20011009; HK 04103652 A 20040524; RU 2003113555 A 20011009