

Title (en)  
DRILL STEM FOR DEEP DRILLINGS

Title (de)  
BOHRGESTÄNGE FÜR TIEFBOHRUNGEN

Title (fr)  
TIGE DE FORAGE POUR DES FORAGES PROFONDS

Publication  
**EP 1706577 A2 20061004 (DE)**

Application  
**EP 04804462 A 20041231**

Priority  
• EP 2004014878 W 20041231  
• DE 102004003479 A 20040122

Abstract (en)  
[origin: WO2005071211A2] The invention relates to a drill stem (3) for deep drillings, comprising a plurality of drill pipes (10) having hollow drilling bodies (12) made of electrically conductive material and bushings (11) having bushing bodies (27) made of electrically conductive material. In order to obtain rapid and exact information from the drilling site, an electric pole is formed by the drill stem bodies consisting of the hollow drilling bodies (12) and the bushing bodies (27) and the other electric pole is formed by at least one conductor (7) which is electrically insulated with respect to the drill stem body and is arranged inside the drill stem body, thereby making it possible to transfer both energy and data..

IPC 8 full level  
**E21B 17/02** (2006.01); **E21B 17/00** (2006.01)

CPC (source: EP US)  
**E21B 17/003** (2013.01 - EP US); **E21B 17/0285** (2020.05 - EP US)

Citation (search report)  
See references of WO 2005071211A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005071211 A2 20050804; WO 2005071211 A3 20051110**; AP 2006003681 A0 20060831; AU 2004314264 A1 20050804; BR PI0418434 A 20070522; CA 2544757 A1 20050804; CN 1906374 A 20070131; DE 102004003479 A1 20050818; DE 102004003479 B4 20060720; EA 200601341 A1 20070629; EC SP066720 A 20061220; EP 1706577 A2 20061004; JP 2007518906 A 20070712; MA 28278 A1 20061101; NO 20061990 L 20060821; RS 20060420 A 20080404; TN SN06225 A1 20071203; US 2007102197 A1 20070510; ZA 200604615 B 20071128

DOCDB simple family (application)  
**EP 2004014878 W 20041231**; AP 2006003681 A 20041231; AU 2004314264 A 20041231; BR PI0418434 A 20041231; CA 2544757 A 20041231; CN 200480040604 A 20041231; DE 102004003479 A 20040122; EA 200601341 A 20041231; EC SP066720 A 20060721; EP 04804462 A 20041231; JP 2006549926 A 20041231; MA 29145 A 20060626; NO 20061990 A 20060504; TN SN06225 A 20060721; US 59657904 A 20041231; YU P20060420 A 20041231; ZA 200604615 A 20041231