



(11) **EP 2 677 112 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
E21B 17/10 ^(2006.01) **E21B 10/26** ^(2006.01)

(48) Corrigendum issued on:
17.07.2019 Bulletin 2019/29

(45) Date of publication and mention
of the grant of the patent:
12.06.2019 Bulletin 2019/24

(21) Application number: **13184640.4**

(22) Date of filing: **19.03.2010**

(54) **Downhole drilling assembly**
Bohrlochbohranordnung
Ensemble de forage de fonds de puits

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR

(30) Priority: **20.03.2009 GB 0904791**

(43) Date of publication of application:
25.12.2013 Bulletin 2013/52

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
10712750.8 / 2 408 996

(73) Proprietor: **Halliburton Energy Services Inc.**
Houston, Texas 77032 (US)

(72) Inventors:
• **Downie, Andrew McPherson**
Dunfermline, Fife KY12 8HH (GB)
• **Vitale, Pascal Michel**
38320 Eybens (FR)
• **Boussi, Bachar**
Denver, CO 80202 (US)

(74) Representative: **Turner, Craig Robert**
A.A. Thornton & Co.
10 Old Bailey
London EC4M 7NG (GB)

(56) References cited:
EP-A1- 1 811 124 WO-A1-2004/029402
US-A- 4 319 649 US-A- 4 396 234
US-A1- 2003 079 913

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 677 112 B8