

Title (en)
Continuous wellbore drilling system with stationary sensor measurements

Title (de)
Kontinuierliches Bohrlochbohrsystem mit stationären Sensormessungen

Title (fr)
Système de forage de puits continu, pourvu de mesures de capteurs stationnaires

Publication
EP 1365103 A3 20051228 (EN)

Application
EP 03013474 A 20000804

Priority
• EP 00952501 A 20000804
• US 14753399 P 19990805

Abstract (en)
[origin: EP1365103A2] The present invention provides continuous or near continuous motion drill strings which include motion sensitive and other MWD sensors which take stationary measurements while the drilling assembly is continuing to drill the wellbore. For simultaneous continuous drilling and stationary measurements, the present invention provides a drilling assembly wherein a force application system (402) almost continuously applies force on the drill bit (412) while maintaining a housing (406) or drill collar section stationary. Motion sensitive sensors (Sm) carried by the drill collar take stationary measurements. A steering device (420) between the drill bit and the force application system maintains drilling of the wellbore along a prescribed well path. <IMAGE>

IPC 1-7
E21B 4/18; **E21B 47/01**; **E21B 47/00**

IPC 8 full level
E21B 4/18 (2006.01); **E21B 44/00** (2006.01); **E21B 47/00** (2012.01); **E21B 47/01** (2012.01)

CPC (source: EP US)
E21B 4/18 (2013.01 - EP); **E21B 44/005** (2013.01 - EP); **E21B 47/013** (2020.05 - EP US)

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Designated contracting state (EPC)
DE FR IT NL

DOCDB simple family (publication)
EP 1365103 A2 20031126; **EP 1365103 A3 20051228**; **EP 1365103 B1 20081029**

DOCDB simple family (application)
EP 03013474 A 20000804