

Title (en)
DRILLING APPARATUS USING A SELF-ADJUSTING DEFLECTION DEVICE AND DIRECTIONAL SENSORS FOR DRILLING DIRECTIONAL WELLS

Title (de)
BOHRVORRICHTUNG MIT EINER SELBSTEINSTELLENDEN ABLENKVORRICHTUNG UND RICHTUNGSSENSOREN ZUM BOHREN VON RICHTUNGSBOHRLÖCHERN

Title (fr)
APPAREIL DE FORAGE UTILISANT UN DISPOSITIF DE DÉVIATION À RÉGLAGE AUTOMATIQUE ET CAPTEURS DIRECTIONNELS DE FORAGE DE Puits DIRECTIONNELS

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Application
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Abstract (en)
[origin: WO2018057698A1] An apparatus for drilling a directional wellbore is disclosed that in one non-limiting embodiment includes a drive for rotating a drill bit, a deflection device that enables a lower section a drilling assembly to tilt within a selected plane when the drilling assembly is substantially rotationally stationary to allow drilling of a curved section of the wellbore when the drill bit is rotated by the drive and wherein the tilt is reduced when the drilling assembly is rotated to allow drilling of a straighter section of the wellbore, and a sensor that provides measurements relating a direction of the drilling assembly for drilling the wellbore along a desired direction.

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