

Title (en)

DRILL STRING FOR DEFLECTION DRILLING, METHOD OF USING SUCH A STRING AND DEFLECTING DEVICE USED IN THIS STRING

Publication

EP 0212316 B1 19890405 (FR)

Application

EP 86110190 A 19860724

Priority

FR 8511608 A 19850730

Abstract (en)

[origin: US4694914A] The present invention relates to drilling a well with a bent bore. A bending device is inserted in a drilling string between a stabilizer and an active motor element. If the drilling string is rotated in one direction the bending device takes up a rectilinear configuration for ensuring rectilinear drilling, and if the drilling string is rotated in the opposite direction it takes up a bent configuration, thereby transforming itself into a bent coupling for curved drilling. The device comprises two superposed sleeves (1, 2) one of which is capable of rotating through a limited angle about a pivot (3) whose axis lies at the same small angle (A) to the axes (10, 10A) of both sleeves. The invention is applicable to drilling oil wells or geothermal wells.

IPC 1-7

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IPC 8 full level

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