

Title (en)

Well tool for testing or treating a well.

Title (de)

Bohrlochvorrichtung zur Untersuchung oder Behandlung von Bohrlöchern.

Title (fr)

Outil de puits pour l'essai ou le traitement des puits.

Publication

EP 0232576 A1 19870819 (EN)

Application

EP 86300917 A 19860211

Priority

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Abstract (en)

A testing or treating tool enables either squeeze packer elements or inflatable packer elements to isolate an interval of the well bore. A pump provides hydraulic pressure to move the packer elements into sealing engagement with the well bore wall by manipulation of a tubular member which supports the tool in the well bore. The tool includes a sensor which is responsive to a pressure differential between the hydrostatic pressure in the well bore and the pressure in the isolated zone, or interval, in the well to increase the hydraulic pressure acting on the elements when the pressure in the well bore exceeds the pressure in the isolated zone to inhibit creep of the packers along the well bore wall. A collection reservoir receives fluid displaced from the well bore as the packers sealably engage the well bore.

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E21B 33/124; **E21B 49/08**

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CPC (source: EP)

E21B 33/124 (2013.01); **E21B 33/127** (2013.01); **E21B 49/08** (2013.01); **E21B 49/088** (2013.01)

Citation (search report)

- US 3288219 A 19661129 - YOUNG DAVID E, et al
- US 3439740 A 19690422 - CONOVER GEORGE E
- US 2715444 A 19550816 - FEWEL KENNETH J
- US 4320800 A 19820323 - UPCHURCH JAMES M
- US 4386655 A 19830607 - BRANDELL JOHN T

Cited by

KR102179939B1; FR2687725A1; GB2474883A; GB2474883B; US9091133B2; US9027602B2

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