

Title (en)

WELL PLUG AND ABANDONMENT CHOKE INSERT

Title (de)

BOHRLOCHSTOPFEN UND DROSSELEINSATZ FÜR AUSSERBETRIEBSETZUNG

Title (fr)

BOUCHON DE PUIITS ET PIÈCE RAPPORTÉE D'ÉTRANGLEMENT POUR L'ABANDON

Publication

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Application

EP 17738827 A 20170111

Priority

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- US 2017012922 W 20170111

Abstract (en)

[origin: WO2017123579A1] A process for plugging a wellbore, e.g. an oil or gas well, comprises installing a choke device into the wellbore in order to increase the back pressure to allow better control when introducing cement to plug the wellbore. The device has a cylindrical shape with a central through bore. On the external profile is a shoulder which, when the device is installed in a wellbore, comes to rest against a nipple in the wellbore. The device may free fall for all or part of the way down but would normally be pumped down at least for the last part of its delivery. In the bore is a pump out ball which blocks the through bore until the device reaches the nipple and stops, at which point pressure increases and the ball is ejected. Cement and other liquid may then be pumped through the choke device to the distal region of the well.

IPC 8 full level

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