

Title (en)

METHOD OF PROVIDING AN ANNULAR SEAL IN A WELLBORE

Title (de)

VERFAHREN ZUR BEREITSTELLUNG EINER RINGDICHTUNG IN EINEM BOHRLOCH

Title (fr)

PROCÉDÉ DE FOURNITURE D'UN JOINT ANNULAIRE DANS UN Puits DE FORAGE

Publication

EP 3266976 A1 20180110 (EN)

Application

EP 16178708 A 20160708

Priority

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Abstract (en)

A method of providing an annular seal in a wellbore 1 is disclosed. A tubular casing element 2 is assembled comprising a standard length of tubular steel casing 4 onto which an elastomeric sealing element 6 is mounted. A predetermined fluid pressure is applied by pumps on the surface to the inner diameter of deformation apparatus 10. This causes activation member 26 of the deformation apparatus 10 to move along body 12 and deform the deformation member 14 outwardly. The deformation member 14 contacts tubular casing 4 and pushes with sufficient force to deform the steel and form an annular deformation 28 in the casing. This pushes the elastomeric sealing element 6 against the surface of the wellbore 1 forming an annular seal.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [X] WO 0118353 A1 20010315 - E2 TECH LTD [GB], et al
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