

Title (en)

SINGLE TRIP ANNULAR SEAL REPAIR METHOD AND ASSOCIATED EQUIPMENT

Title (de)

REPARATURVERFAHREN FÜR EINE RINGFÖRMIGE EINZELAUSLÖSERDICHTUNG UND ZUGEHÖRIGE AUSRÜSTUNG

Title (fr)

PROCÉDÉ DE RÉPARATION DE JOINT ANNULAIRE EN UNE SEULE FOIS ET ÉQUIPEMENT ASSOCIÉ

Publication

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Application

EP 21815638 A 20211122

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Abstract (en)

[origin: WO2022106848A1] A single trip method of repairing a leaking annular seal located within an annulus that encircles an oil/gas wellbore tubular body, examples of such seals including annular packers or cement seals. The method comprises providing deflector within a wellbore tubular body adjacent to one or more openings in the wall of the tubular body. Alloy beads are then deployed downhole via the tubular body so that the alloy beads are deflected via said openings into the annulus where they accumulate on top of the annular seal. The alloy is then heated to form an alloy plug above the annular seal. The present invention also provides an annular seal repair tool assembly for use in the repair method of the present invention.

IPC 8 full level

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