Title (en)

SYSTEM AND METHOD FOR CIRCUMFERENTIALLY ALIGNING A DOWNHOLE LATCH SUBSYSTEM

Title (de)

SYSTEM UND VERFAHREN ZUM UMFANGSSEITIGEN AUSRICHTEN EINES BOHRLOCHVERRIEGELUNGSSYSTEMS

Title (fr)

SYSTÈME ET PROCÉDÉ D'ALIGNEMENT CIRCONFÉRENTIEL D'UN SOUS-SYSTÈME DE VERROUILLAGE DE FOND DE TROU

Publication

EP 2906773 B1 20170927 (EN)

Application

EP 12886400 A 20121009

Priority

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Abstract (en)

[origin: WO2014058412A1] A system for circumferentially aligning a downhole latch subsystem in a wellbore. The system includes an outer tool assembly including a latch coupling having a latch profile and a slot subassembly having an axially extending slot profile. An inner tool assembly is positionable within the outer tool assembly. The inner tool assembly includes a latch assembly having a plurality of latch keys and an orienting subassembly having a plurality orienting keys. In operation, after axial alignment of the orienting subassembly with the slot subassembly, rotation of the orienting subassembly causes operable engagement of at least one orienting key with the slot profile and, thereafter, axial alignment of the latch assembly with the latch coupling causes operable engagement of the latch keys with the latch profile.

IPC 8 full level

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