

Title (en)
LINE HANGER, RUNNING TOOL AND METHOD

Title (de)
LEITUNGSHÄNGER, EINBAUWERKZEUG UND VERFAHREN

Title (fr)
SUSPENSION DE COLONNE PERDUE, OUTIL DE POSE ET PROCEDE ASSOCIE

Publication
EP 1392953 A4 20051019 (EN)

Application
EP 02736875 A 20020515

Priority

- US 0215445 W 20020515
- US 29204901 P 20010518
- US 31645901 P 20010831
- US 94385401 A 20010831
- US 94370101 A 20010831
- US 31657201 P 20010831
- US 98148701 A 20011017
- US 8332001 A 20011019
- US 494501 A 20011204
- US 458801 A 20011204
- US 13696902 A 20020502
- US 13699202 A 20020502

Abstract (en)
[origin: WO02097234A1] A liner hanger running tool (120) includes improvements to the running tool release mechanism, the packoff bushing, and the packer setting assembly. A method is provided for reliably releasing a running tool from a liner hanger (110), for allowing stabbing of the running tool packoff bushing (10) into the top of the liner hanger, and for reliably setting the radial set packer element. The port closure member (212) is movable with a tubular body from a port isolation position to an open port position. The tool includes an annular seal assembly and a substantially conical wedge ring having an outer surface configured to radially expand the annular seal assembly. A ball (240) is lowered into a diverter and thus guided into a pocket (286) in one side thereof to permit passage of a pump down plug (180) into a lower wiper plug (181). A slip assembly carried about a liner for lowering into a wellbore includes a C-ring (64), which expands to cause its teeth to engage with the wellbore. A plug holder (10) sub temporarily supports a liner wiper plug, so that a pump down plug may land in the liner wiper plug and be supported from a generally tubular body of the plug holder sub.

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Citation (search report)

- [A] US 4757860 A 19880719 - REIMERT LARRY E [US]
- [A] US 5511620 A 19960430 - BAUGH JOHN L [US], et al
- [A] US 4773477 A 19880927 - PUTCH SAMUEL W [US]
- See references of WO 02097234A1

Cited by
GB2543722A; GB2543722B; WO2016018529A1

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WO 02097234 A1 20021205; BR 0209857 A 20061128; BR 0209857 B1 20130716; BR 122013000176 B1 20150303; BR 122013000178 B1 20150303; BR 122013000179 B1 20150303; DK 1392953 T3 20070723; DK 1712731 T3 20100111; DK 1712732 T3 20091123; EP 1392953 A1 20040303; EP 1392953 A4 20051019; EP 1392953 B1 20070314; NO 20035101 D0 20031117; NO 20140708 A1 20140605; NO 20172023 A1 20040116; NO 335372 B1 20141201

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