

Title (en)
CASING HANGER SYSTEMS

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Application
EP 87308330 A 19870921

Priority

- GB 8622859 A 19860923
- GB 8626046 A 19861031
- GB 8705371 A 19870307
- GB 8709430 A 19870421

Abstract (en)
[origin: EP0261909A2] A casing hanger system, particularly for mudline hangers in offshore wells. An inner casing string (24) which includes a running hanger body (20) is suspended by a split ring hanger (40) from an outer casing (44) which includes a receiving hanger (52). The receiving hanger (52) and split ring hanger (40) have complementary profiles (58,60) which lock together when the split ring (40) expands. The split ring (40) is carried down through the outer casing (44) contracted into an annular recess (28) in the running hanger body (20), and temporarily restrained to the lower end of the recess (28). When the running hanger body (20) reaches the receiving hanger (52), the split ring (40) expands so that the complementary profiles (58,60) engage and suspend the ring from the receiving hanger (52). The temporary restraint is released, and the running hanger body (20) descends a further short distance until the upper end (30) of the annular recess lands on the ring (40) to suspend the inner casing string (24) on the ring (40). Two annular arms (48,46) on the recess (28) apply positive locking to the split ring hanger (40) in this position. With dual positive locking, the split ring hanger regains hoop strength.

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E21B 33/043

IPC 8 full level
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CPC (source: EP)
E21B 33/043 (2013.01)

Citation (search report)

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