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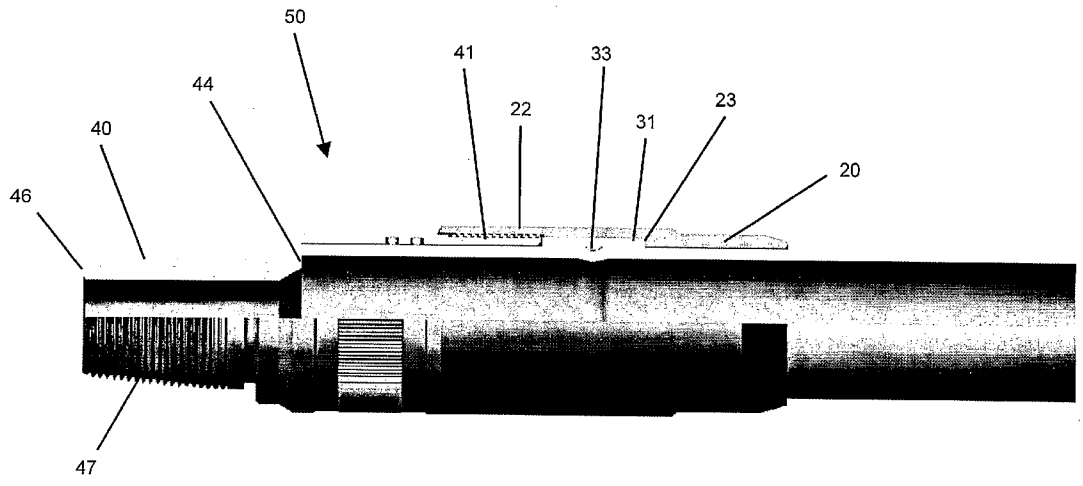
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(54) Title: COILED TUBING CONNECTOR AND METHOD OF MANUFACTURE



(57) Abstract: In the field of oil drilling and other well operations there is a need for a coiled tubing connector that is quick and simple to use. There is also a need for a coiled tubing connector that is reusable. A coiled tubing connector (50) comprises a first sub (20); at least one arcuate segment (31, 32) and a second sub (40). The first sub (20) is slidable on the exterior surface of a length of unwound coiled tubing (10); and includes an internal recessed portion (21) and an engagement portion (22) adjacent to a first end thereof (26). At least one arcuate segment (31, 32) defines a protuberance (33) extending radially from an inner surface thereof. The or each protuberance (33) is engagable with a corresponding circumferentially extending recess (11) in the coiled tubing (10). The second sub (40) is slidable on the exterior surface of the coiled tubing (10); and includes an engagement portion (41) adjacent to a first end thereof (42). The engagement portion (22) of the first sub (20) is engagable portion (41) of the second sub (40) whereby in use the or each arcuate segment (31, 32) is retained within the internal recessed portion (21) of the first sub (20), thereby maintaining engagement of the or each radially extending protuberance (33) with the circumferentially extending recess (11).

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