

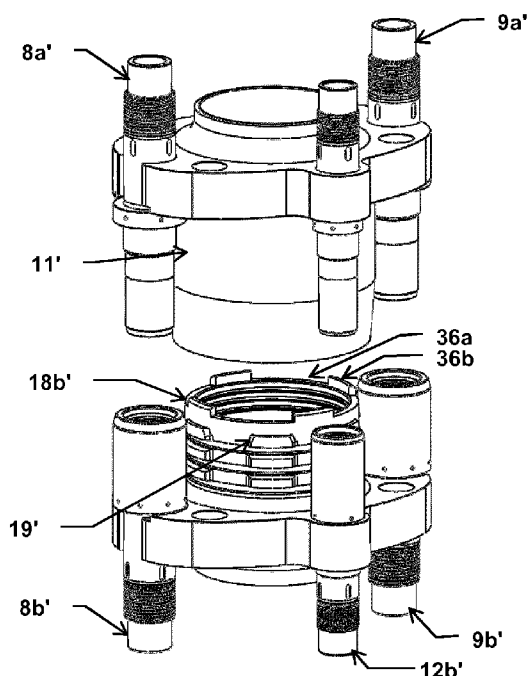


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(54) **Title:** A RISER CONNECTOR ASSEMBLY**Fig. 19**

(57) **Abstract:** A riser connector assembly (6) for connecting two riser sections (5a,b) in an end-to-end relationship comprises a first connector assembly portion (6a), a second connector assembly portion (6b), and a locking ring (11) rotatably connected to the first connector assembly portion. Locking members are configured and arranged to selectively and releasably interlock by relative rotation between the first connector assembly portion and the locking ring and the second connector assembly portion. The locking ring (11) is rotatable between a first position where all said locking members are interlocked, a second position where the first locking members (20, 21) and the third locking members (25, 26) are interlocked but the second locking members (19) and the fourth locking members (24) are not interlocked, and a third position where none of said locking members are interlocked and the locking ring is removable from the first connector assembly portion. At least one of the assembly portions (6a,b) comprises alignment means (27).



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