

## Slide Actuating Tubular Connector

### Abstract of the Disclosure

A subsea riser assembly connects two tubular members (41, 17) with axial movement of an outer sleeve (35). The assembly includes a first tubular member (41) having an end (43), and a second tubular member (17) having an end (19) with a plurality of box end fingers (23) separated by slots (25), the second tubular member (17) coaxial with the first tubular member (41). The end (19) of the first tubular member (17) is inserted into the end (43) of the second tubular member (41). An outer sleeve (35) having an inner diameter (36) that engages an outer diameter (33) of each box end finger (23). Axial movement of the outer sleeve (35) relative to the box end fingers (23) causes the inner diameter (36) of the outer sleeve (35) to interact with the outer diameter (33) of the box end fingers (23), thereby causing the box end fingers (23) to contract radially. The radial contraction of the box end fingers (23) secures the first tubular member (41) to the second tubular member (17) in a made-up position.

Figure 1