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(54) Title: SHUNT TUBE CONNECTOR ASSEMBLY AND METHOD

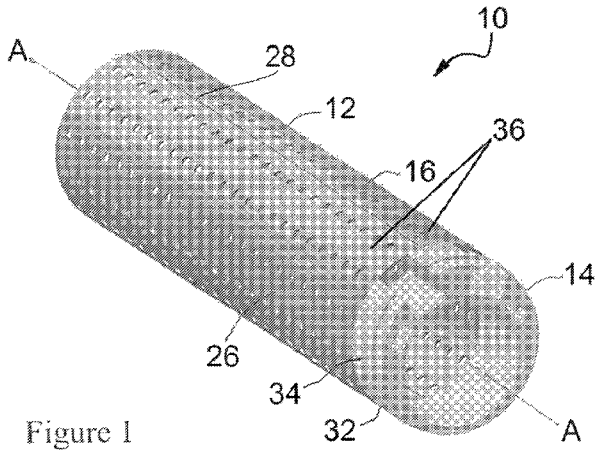

Figure 1

(57) Abstract: Embodiments of a shunt tube connector assembly generally include a jumper tube assembly and a cooperative shroud assembly. In one embodiment, the jumper tube assembly includes a jumper tube having two tube connectors slideable thereon, where the tube connectors are fluidly connectable to shunt tubes. In one embodiment, the shroud assembly includes shroud segments, and corresponding shroud connection collars that include openings for shunt tubes and a transverse dove tail in the surface thereof, where shroud segments have a dove pin extending inwardly therefrom and adapted to engage a collar dove tail. Embodiments of a method for connecting and shrouding connectable pipe segments equipped with exterior shunt tubes generally include providing fluidly connected pipe segments having collars comprising an exterior surface opened dove tail, fluidly connecting shunt tubes, and attaching shroud segments around at least a portion of each said pipe segment by engaging a dove pin with the dovetail.

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