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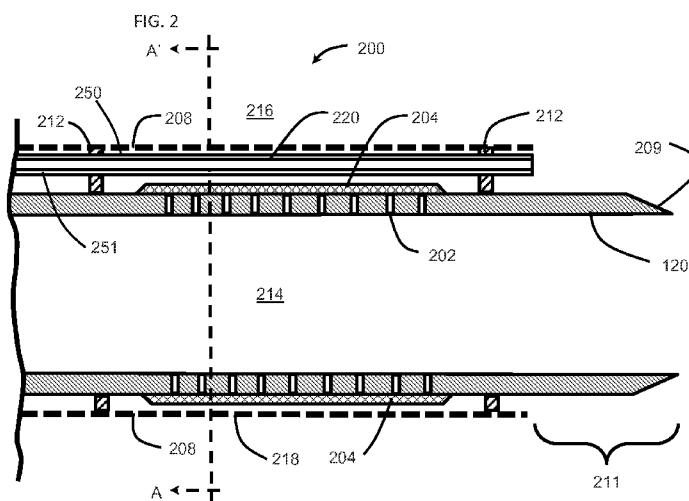
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(54) Title: PIPE-IN-PIPE SHUNT TUBE ASSEMBLY



- (57) Abstract: A shunt tube assembly comprises a wellbore tubular, a packing tube, a transport tube, at least one valve configured to provide selective fluid communication between an interior passageway through the transport tube and the packing tube. At least a portion of the transport tube is disposed within the packing tube.