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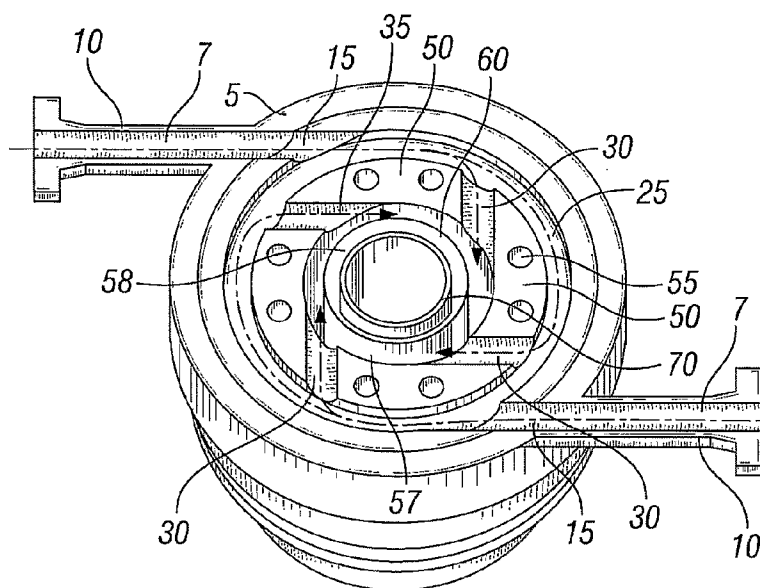
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(54) Title: DRILL CUTTINGS RE-INJECTION SYSTEM



(57) Abstract: A system to re-inject drill cuttings slurry into a well formation for the storage of the cuttings. The system may include a pressure containing conduit that creates a flow path to an annulus within the well formation. The system may include an injection inlet, a drilling guide base, an injection adapter having a circular gallery, an injection mandrel having at least one injection port, and an annulus created between the injection mandrel and an inner casing. The slurry may be injected into the annulus while still drilling the wellbore. The location of the injection inlet may be positioned relative to the circular gallery of the injection adapter such that a cyclone effect is created within gallery minimizing erosion due to the flow of the slurry. The injection mandrel may be adapted to allow the passage of drilling mud to a downhole drilling location while injecting slurry into the casing annulus.



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