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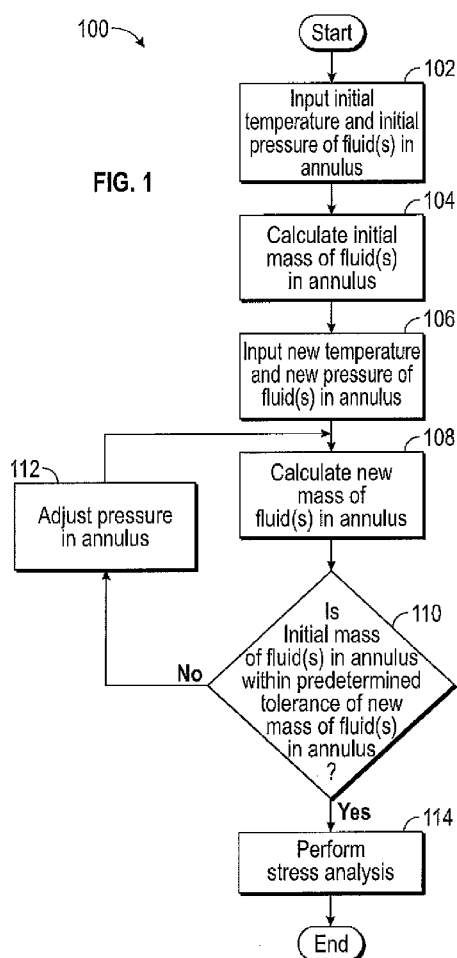
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(54) Title: DETERMINING PRESSURE WITHIN A SEALED ANNULUS



(57) Abstract: Systems and methods for determining pressure within a sealed annulus based on the conservation of mass to test the structural integrity of the sealed annulus. The conservation of mass is applied to fluid(s) in a sealed annulus by using the total mass of the fluid(s) in the sealed annulus, instead of volume changes, as the basis for estimating pressure changes due to temperature changes.



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