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(54) Title: SYSTEMS AND METHODS FOR DETERMINING THE MOMENTS AND FORCES OF TWO CONCENTRIC PIPES WITHIN A WELLBORE

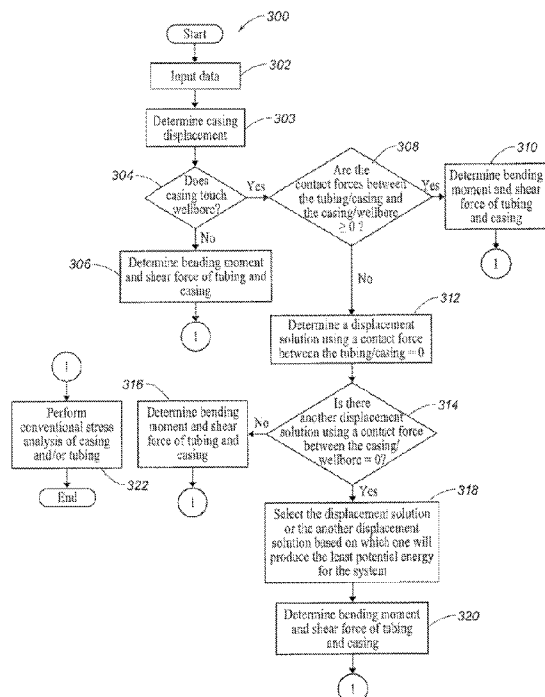


FIG. 3

(57) Abstract: A wellbore may contain two concentric pipes, the external pipe designated the "casing" and the internal pipe designated the "tubing". The invention comprises systems and methods for determining the bending moment and shear force of tubing and casing, when the tubing buckles and contacts the casing, thus providing an improved method for analyzing concentric buckling pipes.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2006/0106588 A1 (MITCHELL) 18 May 2006 (18.05.2006) entire document	1-44
A	US 2002/0166374 A1 (DEMARCHOS et al) 14 November 2002 (14.11.2002) entire document	1-44
A	US 4,382,381 A (SOEIIHAH) 10 May 1983 (10.05.1983) entire document	1-44
A	US 2008/0255817 A1 (PABON et al) 16 October 2008 (16.10.2008) entire document	1-44
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