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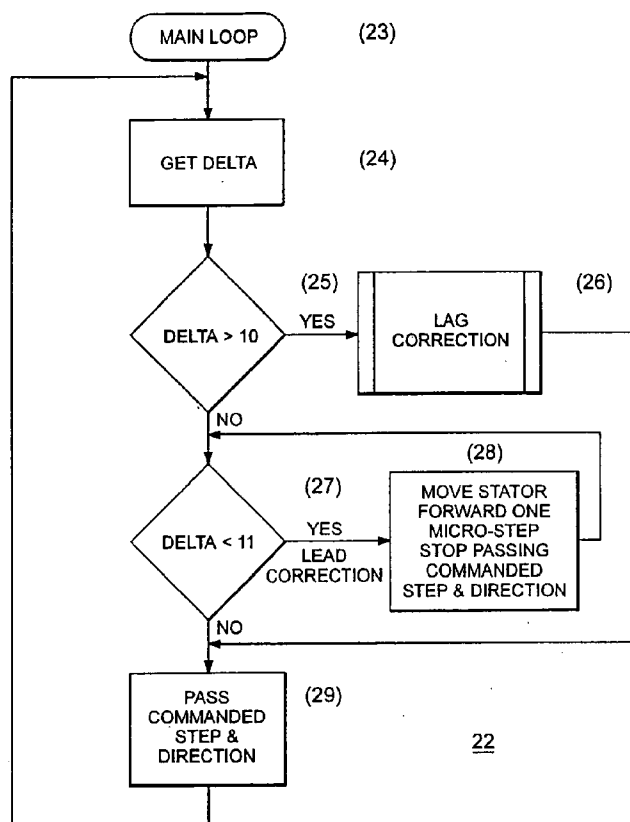
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(54) Title: A METHOD AND APPARATUS FOR ELIMINATING STALL AND COGGING IN MULTI-PHASE STEPPING MOTORS



(57) Abstract: The lead or lag relationship between the stator and rotor of a stepper motor is monitored on a continuing basis by an incremental encoder, in feed-back relation, and adjusts the lead or lag to within optimum range values to thereby prevent motor stalls and motor cogging.



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