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(54) **REDUCING ERROR IN ESTIMATED ANGULAR POSITION OF A ROTOR OF A MOTOR**

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See application file for complete search history.

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(57) **ABSTRACT**

One or more examples relate, generally, to reducing error in estimated angular position of a rotor of a motor. In one example, a method comprises generating an error signal indicating error in the estimated angular position; determining an adjustment amount associated with an estimated torque-producing component of motor winding current of a stator of the motor; generating an adjustment signal corresponding to the determined adjustment amount; and combining the error signal and the adjustment signal to generate a corrected error signal.

17 Claims, 8 Drawing Sheets

