Title (en)

CLOSED LOOP CONTROL OF MOTOR POSITION AND VELOCITY

Title (de)

STEUERUNG DER MOTORPOSITION UND GESCHWINDIGKEIT MIT GESCHLOSSENEM REGELKREIS

Title (fr)

COMMANDE EN BOUCLE FERMEE DE LA POSITION ET DE LA VITESSE D'UN MOTEUR

Publication

EP 1116196 A1 20010718 (EN)

Application

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Priority

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- US 9903098 P 19980903

Abstract (en)

[origin: WO0014696A1] A digital signal processor (DSP) (18, 74) for closed loop velocity or position control receives sine winding output signals and cosine winding output signals from a resolver (10, 73), digitizes the signals and outputs quadrature encoded signals to an excitation circuit (16, 77). The excitation circuit (16, 77) is connected to an excitation winding in the resolver (10, 73) to provide signals for driving the resolver (10, 73).

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