

Title (en)
DEVICE FOR CONTROLLING A ROTATING ELECTRICAL MACHINE

Title (de)
VORRICHTUNG ZUR STEUERUNG EINER ELEKTRISCHEN ROTATIONSMASCHINE

Title (fr)
DISPOSITIF DE COMMANDE D'UNE MACHINE ELECTRIQUE TOURNANTE

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Application
EP 05779717 A 20050630

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Abstract (en)
[origin: WO2006010864A2] The invention concerns a device for determining the position (?t) of the rotor (4) of a rotating electrical machine. The invention is characterized in that said device comprises a plurality of magnetic field sensors (52u, 52v, 52w) stationary relative to the stator (8) and adapted to deliver multiphase electric signals (s_u, s_v, s_w) representing a magnetic field detected by said sensors, and means for processing (MC) said multiphase electric signals by an operator ([M]) capable of providing diphasic signals (sin?(t), cos?(t)) depending on said position. The invention is applicable to rotating electrical machines used in the automotive industry.

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US 2004080290 A1 20040429 - HILL BRYAN H [US], et al

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