Title (en)

COMPENSATED FIELD-ORIENTATED CONTROL (KFO)

Title (de)

KOMPENSIERTE FELDORIENTIERTE REGELUNG (KFO)

Title (fr)

REGULATION A ORIENTATION DE CHAMP COMPENSEE (KFO)

Publication

EP 0870358 A1 19981014 (DE)

Application

EP 96946121 A 19961230

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- DE 19641096 A 19961004

Abstract (en)

[origin: WO9724796A1] The invention relates to a process and a circuit for field-orientated control of an induction machine (DSM, DAM). During the process, the flux angle of the machine or generator flux and/or the angular velocity thereof (the flux angle comes from the angular velocity as a result of integration) is determined in that an induction machine (DAM, DSM) transverse flux (frq=f(uid_err)) calculated while the machine (DAM, DSM) is in operation is adjusted (20, 30) to zero.

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