

Title (en)

ELECTROMAGNETIC SWITCHGEAR COMPRISING A CONTROLLED DRIVE, A CORRESPONDING METHOD AND A CIRCUIT

Title (de)

ELEKTROMAGNETISCHES SCHALTGERÄT MIT GESTEUERTEM ANTRIEB SOWIE ZUGEHÖRIG EIN VERFAHREN UND EINE SCHALTUNG

Title (fr)

APPAREIL DE COMMUTATION ELECTROMAGNETIQUE A COMMANDE ASSERVIE ET PROCEDE ET CIRCUIT CORRESPONDANTS

Publication

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Application

EP 00987163 A 20001117

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Abstract (en)

[origin: WO0141174A1] The invention provides that, in an electromagnetic switchgear, the travel-time behavior of the contact carrier (5) is measured using a magnetic field sensor (10). To this end, a microprocessor (16) evaluates the output signal of the magnetic field sensor (10) and determines the velocity of the contact carrier (5) or of a part which is interactively connected in a fixed manner to the same. The microprocessor (10) controls the current of the coil (3) of the electromagnetic system according to said evaluation and determination. The invention also relates to a corresponding method and to a circuit.

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