

Title (en)

METHOD AND CIRCUIT ASSEMBLY FOR ASCERTAINING A POSITION OF A MOVABLE ARMATURE OF AN ELECTROMAGNETIC ACTUATOR

Title (de)

VERFAHREN UND SCHALTUNGSANORDNUNG ZUM ERMITTELN EINER POSITION EINES BEWEGLICHEN ANKERS EINES ELEKTROMAGNETISCHEN AKTORS

Title (fr)

PROCÉDÉ ET ENSEMBLE CIRCUIT PERMETTANT DE DÉTERMINER UNE POSITION D'UN INDUIT MOBILE D'UN ACTIONNEUR ÉLECTROMAGNÉTIQUE

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Application

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Abstract (en)

[origin: WO2017009021A1] The invention relates to a method for ascertaining a position of an armature (103) of an electromagnetic actuator (101), said armature being movable by actuating a coil (102) of the electromagnetic actuator (101). The position (x) of the armature (103) is ascertained while taking into consideration a frequency of an oscillating signal in an oscillating electric system, and the coil (102) is used as a frequency-influencing element of the oscillating electric system. The invention also relates to a circuit assembly for ascertaining a position of an armature (103) of an electromagnetic actuator (101).

IPC 8 full level

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