

Title (en)

METHOD FOR OPERATING A MAGNETIC SWITCHING ELEMENT

Title (de)

VERFAHREN ZUM BETREIBEN EINES MAGNETISCHEN SCHALTGLIEDES

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN ORGANE DE COMMUTATION MAGNÉTIQUE

Publication

**EP 2635783 A1 20130911 (DE)**

Application

**EP 11770739 A 20111012**

Priority

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- EP 2011067784 W 20111012

Abstract (en)

[origin: WO2012059305A1] The invention relates to a method for operating a magnetic switching element (16), wherein at least one connection of at least one sensor device (70) is switched to at least one connection (HS, LS) of a coil (30) of the magnetic switching element (16), and wherein at least one measurement state is produced, in which at least one connection (HS, LS) of the coil (30) is substantially decoupled at least for a time from a ground (88) and/or a voltage source (80, 86) and/or a current source actuating the coil (30), and wherein at least one auxiliary voltage (94, 104) and/or at least one auxiliary current is present at at least one connection (HS, LS) of the coil (30) in the measurement state, and at least one sensor signal is derived from at least one electrical potential (92, 102) and/or at least one potential difference at the connections of the coil (30) and/or at least one current flowing through the connections of the coil (30).

IPC 8 full level

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