

Title (en)

APPARATUS FOR DETECTING TROUBLE WITH SOLENOID-OPERATED DEVICE

Title (de)

FEHLERERKENNUNGSVORRICHTUNG EINES ELEKTROMAGNETISCHEN GESTEVERTEN ANORDNUNG

Title (fr)

APPAREIL PERMETTANT DE DETECTER LES DEFAILLANCES D'UN DISPOSITIF A SOLENOIDE

Publication

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Application

EP 99910824 A 19990402

Priority

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- JP 11821998 A 19980428

Abstract (en)

An apparatus for determining faults of an electromagnetic coil actuator that includes two current paths having of two pairs of series switches(10,20,30,40) and an electromagnetic coil(1) connected between the intermediates nodes(2,4) of the pairs. The existence of faults of an electromagnetic coil actuator is decided based both on the state of operation of the switch pair and on the magnitude of the voltage signal corresponding to the sum of a first voltage signal(VP) and a second voltage signal(VN) corresponding, respectively, to potentials at the intermediate nodes(2,4). <IMAGE>

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