

Title (en)

Secure switching device and modular error-proof control system

Title (de)

Sichere Schalteinrichtung und modulares fehlersicheres Steuerungssystem

Title (fr)

Dispositif de couplage sécurisé et système de commande modulaire protégé contre les erreurs

Publication

**EP 2239752 B1 20130306 (DE)**

Application

**EP 10158367 A 20100330**

Priority

DE 102009018140 A 20090408

Abstract (en)

[origin: EP2239752A1] The device (10) has a switching element e.g. relay to perform switching process of electrical load using control signal generated by a control system (20). A detection apparatus detects the switching process amount. The detection apparatus includes a memory apparatus (28) for permanent storage of switching process amount. The memory apparatus has an associated section to identify the faults in the memory apparatus. An independent claim is included for modular failsafe control system for switching ON/OFF states of electrical load.

IPC 8 full level

**H01H 47/00** (2006.01)

CPC (source: EP US)

**H01H 47/002** (2013.01 - EP US); **H01H 3/001** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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