

Title (en)

SWITCH ASSEMBLY AND METHOD FOR SAFELY OPERATING A SWITCH ASSEMBLY

Title (de)

SCHALTERANORDNUNG UND VERFAHREN ZUM SICHEREN BETRIEB EINER SCHALTERANORDNUNG

Title (fr)

ENSEMBLE COMMUTATEUR ET PROCÉDÉ POUR FAIRE FONCTIONNER UN ENSEMBLE COMMUTATEUR DE MANIÈRE SÛRE

Publication

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Application

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Abstract (en)

[origin: WO202229128A1] The invention relates to a switch assembly comprising a switch (17) and a drive system for the switch (17), said drive system (2) containing: - a motor (12) for driving the switch (17); - a controller (1) with a power section (11) for supplying energy to the motor (12), and a control unit (10) for initiating a switching process of the switch (17) by actuating the power section (11); and - a protection circuit (14) which is designed to - detect a first fault signal via a status contact of the control unit (10) in the event of a disturbance of the control unit (10); - detect a second fault signal via a status contact of the power section (11) in the event of a disturbance of the power section (11); and - initiate a safety measure on the basis of the first and the second fault signal; wherein - the controller (1) is designed to activate the protection circuit (14) prior to initiating the switching process and deactivate the protection circuit after successfully carrying out the switching process.

IPC 8 full level

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