

Title (en)
Security switching device

Title (de)
Sicherheitsschaltgerät

Title (fr)
Dispositif de commutation de sécurité

Publication
EP 0505774 B1 19961127 (DE)

Application
EP 92103648 A 19920303

Priority
DE 4107668 A 19910309

Abstract (en)
[origin: EP0505774A1] A security switching device (1) is used for monitoring two sensors (2,2') which check the same function in a system. The two sensors (2,2') are connected to associated inputs (4,4') of the security switching device (1). The security switching device (1) contains two timing circuits (9,9'), each of which is allocated to one input (4,4'). The timing circuits (9,9') only supply an output signal when the signals at the inputs (4,4') of the security switching device (1) simultaneously rise to the operating value within the time windows implemented. If this is the case, a feedback circuit (11) becomes effective which initially suppresses the effect of the time windows until the signal returns from the value in the operating state to the rest state at one of the inputs (4,4'). <IMAGE>

IPC 1-7
G08B 29/16

IPC 8 full level
G08B 29/16 (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)
G08B 29/16 (2013.01); **G08B 29/185** (2013.01)

Cited by
DE19510332A1; US6034612A; DE10020074A1; DE10020074B4; DE10020074C5; US6778080B2; US6246318B1; WO2014049338A3; WO9838664A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0505774 A1 19920930; EP 0505774 B1 19961127; AT E145746 T1 19961215; DE 4107668 A1 19920917; DE 4107668 C2 19941103; DE 59207567 D1 19970109; ES 2097227 T3 19970401

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