

Title (en)

ELECTRIC SWITCHING DEVICE WITH CLOSED-CIRCUIT PROTECTION

Title (de)

ELEKTRISCHE SCHALTEINRICHTUNG MIT RUHESTROMÜBERWACHUNG

Title (fr)

DISPOSITIF DE COMMUTATION ELECTRIQUE AVEC SURVEILLANCE DE COURANT DE REPOS

Publication

EP 1057194 A1 20001206 (DE)

Application

EP 97953651 A 19971218

Priority

DE 9702976 W 19971218

Abstract (en)

[origin: WO9933077A1] The invention relates to an electric switching device with a signalling element which triggers a switching function when the closed circuit is interrupted, a relay safety assembly being switched into the closed circuit. The incoming and outgoing electrical lines from the closed circuit to the signalling element are each surrounded by a safety shielding which is connected to the earth potential of the signalling element at one end and to the protective-conductor terminal of the relay safety assembly at the other end. The secondary circuit of the transformer in the relay safety assembly is connected to the safety shielding on one side.

IPC 1-7

H01H 3/14; **E05F 15/00**

IPC 8 full level

E05F 15/44 (2015.01); **H01H 9/54** (2006.01); **H01H 47/00** (2006.01)

CPC (source: EP US)

E05F 15/44 (2015.01 - EP US); **H01H 47/005** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

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See references of WO 9933077A1

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