

Title (en)

PROTECTOR SUITABLE FOR CASCADE CONNECTIONS AND CORRESPONDING METHOD FOR SAFETY-CONDITIONED SWITCHING

Title (de)

SCHUTZGERÄT ZUR EIGNUNG FÜR KASKADENSCHALTUNGEN UND ENTSPRECHENDES VERFAHREN ZUM SICHERHEITSBEDINGTEN SCHALTEN

Title (fr)

INSTALLATION DE PROTECTION ADAPTEE A DES CIRCUITS EN CASCADE ET PROCEDE CORRESPONDANT PERMETTANT LA REALISATION DE CONNEXIONS SECURISEES

Publication

**EP 1652203 B1 20070509 (DE)**

Application

**EP 04741006 A 20040714**

Priority

- EP 2004007797 W 20040714
- DE 10336574 A 20030808

Abstract (en)

[origin: WO2005017932A1] The aim of the invention is to improve ease of operation of installations comprising a plurality of emergency switch keys (12, 12', 22, 22'). For this purpose, the installation can be switched on again by means of a common switch-on key (33). A pulse processing device integrated into the respective emergency off device (11, 21) is required for putting the emergency-off device for a predetermined period of time after the switch-on pulse of the switch-on key (33) into an activation mode in which it can be switched on when no switch-off signal is available. The invention makes it possible to take the reaction times of the individual devices or actuators required for the cascading of emergency-off devices (11, 12) for switching on into consideration for a common switch-on operation.

IPC 8 full level

**H01H 47/00** (2006.01); **F16P 3/00** (2006.01)

CPC (source: EP US)

**H01H 47/002** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**WO 2005017932 A1 20050224**; CN 100514523 C 20090715; CN 1830047 A 20060906; DE 502004003785 D1 20070621; EP 1652203 A1 20060503; EP 1652203 B1 20070509; US 2006232899 A1 20061019; US 7579719 B2 20090825

DOCDB simple family (application)

**EP 2004007797 W 20040714**; CN 200480022100 A 20040714; DE 502004003785 T 20040714; EP 04741006 A 20040714; US 56756304 A 20040714