

Title (en)
SAFETY SWITCH HAVING A HOLD-CLOSED FUNCTION FOR POSITIVE OPENING OF CONTACT ELEMENTS, AND METHOD FOR POSITIVE OPENING OF CONTACT ELEMENTS OF A SAFETY SWITCH WITH A LOCKING FUNCTION

Title (de)
SICHERHEITSSCHALTER MIT ZUHALTUNGSFUNKTION ZUM ZWANGSÖFFNUNG VON KONTAKTELEMENTEN SOWIE VERFAHREN ZUM ZWANGSÖFFNEN VON KONTAKTELEMENTEN EINES SICHERHEITSSCHALTERS MIT VERRIEGELUNGSFUNKTION

Title (fr)
INTERRUPTEUR DE SÉCURITÉ À FONCTION DE VERROUILLAGE POUR L'OUVERTURE FORCÉE D'ÉLÉMENTS DE CONTACT ET PROCÉDÉ D'OUVERTURE FORCÉE D'ÉLÉMENTS DE CONTACT D'UN INTERRUPTEUR DE SÉCURITÉ À FONCTION DE VERROUILLAGE

Publication
EP 2235729 A1 20101006 (DE)

Application
EP 08707383 A 20080129

Priority
EP 2008000682 W 20080129

Abstract (en)
[origin: WO2009095032A1] The present invention relates to a safety switch with a hold-closed function, having a plunger element, which is held such that it can move, for positive opening and closing of contact elements, at least one locking element for locking and unlocking the plunger element, and a housing. The invention also relates to a method for positive opening and closing of contact elements of a safety switch with a hold-closed function, and to the use of a safety switch such as this.

IPC 8 full level
H01H 27/00 (2006.01)

CPC (source: EP US)
H01H 27/007 (2013.01 - EP US)

Citation (search report)
See references of WO 2009095032A1

Citation (examination)
• DE 3806189 A1 19890907 - SCHUNK METALL & KUNSTSTOFF [DE]
• DE 202004018207 U1 20050120 - EUCHNER GMBH & CO KG [DE]
• DE 29706340 U1 19970605 - BERNSTEIN HANS SPEZIALFABRIK [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009095032 A1 20090806; CN 101911235 A 20101208; CN 101911235 B 20150401; EP 2235729 A1 20101006; US 2010307899 A1 20101209; US 8969746 B2 20150303

DOCDB simple family (application)
EP 2008000682 W 20080129; CN 200880122425 A 20080129; EP 08707383 A 20080129; US 86369408 A 20080129