

Title (en)

CONTACT SYSTEM FOR AN ELECTROMAGNETIC SWITCHING DEVICE WITH AN INSTANTANEOUS RELEASE DEVICE

Title (de)

KONTAKTSYSTEM FÜR EIN ELEKTROMAGNETISCHES SCHALTGERÄT MIT SCHNELLAUSLÖSER

Title (fr)

SYSTEME DE CONTACT POUR DISPOSITIF DE COMMUTATION ELECTROMAGNETIQUE AVEC DECLENCHEUR A ACTION INSTANTANEE

Publication

EP 0746863 B1 19990728 (DE)

Application

EP 95938399 A 19951103

Priority

- DE 4441467 A 19941122
- EP 9504320 W 19951103

Abstract (en)

[origin: WO9616423A1] The invention concerns a contact system having fixed and moving contact parts for an electromagnet switching device with a switching magnet, which is accommodated in a housing and has an armature, and with an instantaneous release device with striking pins. The movable contact parts are mounted on a contact bridge which is mounted in a contact carrier, connected to a push rod, so as to move against the pressure of a compression spring mounted in the contact carrier. The push rod with the contact carrier is coupled for movement with the armature of the switching device switching magnet. The striking pin of the instantaneous release device acts on the contact bridge in order to lift the movable contact parts off the fixed contact parts. In the release state of the instantaneous release device the striking pin thereof can be clamped to the push rod bearing the movable contacts and can be detached by the lifting movement of the push rod, whereby the contacts can be closed again.

IPC 1-7

H01H 71/24

IPC 8 full level

H01H 71/24 (2006.01); **H01H 89/08** (2006.01)

CPC (source: EP)

H01H 71/2409 (2013.01); **H01H 89/08** (2013.01)

Designated contracting state (EPC)

AT CH DE FR GB LI NL

DOCDB simple family (publication)

WO 9616423 A1 19960530; AT E182718 T1 19990815; BR 9506638 A 19970916; CZ 167696 A3 19980916; CZ 287323 B6 20001011; DE 4441467 A1 19960530; DE 4441467 C2 19970227; DE 59506477 D1 19990902; EP 0746863 A1 19961211; EP 0746863 B1 19990728; HU 219531 B 20010528; HU 9601898 D0 19960930; HU T76236 A 19970728

DOCDB simple family (application)

EP 9504320 W 19951103; AT 95938399 T 19951103; BR 9506638 A 19951103; CZ 167696 A 19951103; DE 4441467 A 19941122; DE 59506477 T 19951103; EP 95938399 A 19951103; HU 9601898 A 19951103