

Title (en)
Integrated circuit breaker

Title (de)
Integriertes Schütz

Title (fr)
Protection intégrée

Publication
EP 3002769 A1 20160406 (DE)

Application
EP 14187340 A 20141001

Priority
EP 14187340 A 20141001

Abstract (en)
[origin: CN205303354U] The utility model relates to a contactor (10), including main fixed contact support (40) that can move and prestrain fixed contact support (50) that have main contacts unit (47), it utilizes inactive prestrain contact (30) flexibly to hold on explosion chamber component (55) with the aid of prestrain fixed contact support spring (38). This contactor still includes magnet (54), and prestrain fixed contact support (50) can be divided to turn up the soil via it and be connected with the coupling antithetical couplet protruding (41) that main fixed contact support (40) located. The utility model discloses still relate to a cubical switchboard, it is including having a plurality of switching device and at least one the cover tape busbar of contactor.

Abstract (de)
Die Erfindung betrifft ein Schütz (10), umfassend einen beweglichen Hauptkontaktträger (40) mit einer Hauptkontaktzelle (47), und einen Vorladekontaktträger (50), der mittels einer Vorladekontaktträgerfeder (38) auf einer Schaltkammerkomponente (55) mit einem statischen Vorladekontakt (30) elastisch aufgenommen ist. Das Schütz umfasst ferner einen Magneten (54), über den der Vorladekontaktträger (50) mit einem Kopplungsfortsatz (41) am Hauptkontaktträgers (40) lösbar verbindbar ist.

IPC 8 full level
H01H 3/54 (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP)
H01H 3/54 (2013.01); **H01H 50/541** (2013.01); **H01H 50/546** (2013.01)

Citation (applicant)
• DE 69206389 T2 19960418 - SCHNEIDER ELECTRIC SA [FR]
• CN 202616144 U 20121219 - SHANGHAI NOARK ELECTRIC CO LTD
• DE 102007005696 A1 20070830 - LS IND SYSTEMS CO LTD [KR]

Citation (search report)
• [XD] CN 202616144 U 20121219 - SHANGHAI NOARK ELECTRIC CO LTD
• [A] EP 2775502 A1 20140910 - SIEMENS AG [DE]

Cited by
EP4160645A4; CN105977101A; WO2022086553A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3002769 A1 20160406; **EP 3002769 B1 20170614**; CN 205303354 U 20160608

DOCDB simple family (application)
EP 14187340 A 20141001; CN 201520775690 U 20151008