Title (en)

MODULAR AUTOMATIC ELECTRIC BREAKER WITH OPTIMIZATION OF USED SPACES

Title (de)

MODULSCHÜTZSCHALTER MIT OPTIMIERUNG DER BENUTZTEN RÄUME

Title (fr)

DISJONCTEUR AUTOMATIQUE MODULAIRE AVEC OPTIMISATION DES ESPACES UTILISES

Publication

EP 0912985 B1 20000112 (EN)

Application

EP 97932828 A 19970715

Priority

- EP 9703771 W 19970715
- IT MI961463 A 19960715

Abstract (en)

[origin: WO9802896A1] A modular automatic electric breaker with optimization of used spaces, which comprises a flat box-like body (1) which has, on its rear face, couplers (2) for coupling to an omega-shaped guide and, on its front face, a central protrusion (3) at which it is possible to access an actuation part. The particularity of the invention is constituted by the fact that it comprises an electrical protection part (10), a kinematic system for actuating a moving electrical contact, and a snuffer cell (12), which are mutually operatively interconnected and occupy no more than half of the internal volume formed by the box-like body.

IPC 1-7

H01H 71/02

IPC 8 full level

H01H 71/02 (2006.01); H01H 71/00 (2006.01); H01H 83/20 (2006.01)

CPC (source: EP)

H01H 71/0207 (2013.01); H01H 71/00 (2013.01); H01H 83/20 (2013.01); H01H 2011/0093 (2013.01)

Cited by

DE102006036191A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9802896 A1 19980122; AT E188804 T1 20000115; AU 3623697 A 19980209; BG 103083 A 19990831; BG 63443 B1 20020131; CN 1136598 C 20040128; CN 1225745 A 19990811; CZ 12599 A3 19990512; DE 69701149 D1 20000217; DE 69701149 T2 20000615; EE 03460 B1 20010615; EE 9900017 A 19990816; EP 0912985 A1 19990506; EP 0912985 B1 20000112; ES 2140982 T3 20000301; GR 3033040 T3 20000831; IT 1283162 B1 19980407; IT MI961463 A0 19960715; IT MI961463 A1 19980115; NO 316300 B1 20040105; NO 990167 D0 19990114; NO 990167 L 19990114; PL 185955 B1 20030930; PL 331179 A1 19990621; PT 912985 E 20000630; SK 4099 A3 19990806; TR 199900086 T2 19990421; YU 1599 A 20000321

DOCDB simple family (application)

EP 9703771 W 19970715; AT 97932828 T 19970715; AU 3623697 A 19970715; BG 10308399 A 19990115; CN 97196462 A 19970715; CZ 12599 A 19970715; DE 69701149 T 19970715; EE 9900017 A 19970715; EP 97932828 A 19970715; ES 97932828 T 19970715; GR 20000400726 T 20000322; IT MI961463 A 19960715; NO 990167 A 19990114; PL 33117997 A 19970715; PT 97932828 T 19970715; SK 4099 A 19970715; TR 9900086 T 19970715; YU 1599 A 19970715