

Title (en)
MODULAR TELECOMMUNICATIONS TERMINAL BLOCK

Title (de)
MODULARER ANSCHLUSSBLOCK FÜR DIE NACHRICHTENTECHNIK

Title (fr)
BLOC TERMINAL DE TELECOMMUNICATION MODULAIRE

Publication
EP 0787372 B1 20020918 (EN)

Application
EP 95901007 A 19941021

Priority
US 9411908 W 19941021

Abstract (en)
[origin: WO9613089A1] A protected terminal block has a housing (10) having a plurality of test ports (18) and a plurality of electrical contact elements (40), each of which includes a test lead (48) which is accessible through a test port (18). The electrical contact elements are configured in the housing and connected to an exchange wire which is secured to a stub cable. A protection module retainer (140) is secured to a side of the housing (10) proximate the test ports (18) to form a plurality of retaining cups (142) adapted to receive a protection module (100). A grounding strip (150) is secured to ground and retained between the protection module retainer (140) and the housing (10) proximate the test ports (18), the grounding strip (150) having a plurality of integral ground connectors (158). A protection module (100) is provided having a protector (116) which is connected to a pair of terminal block contact elements (102) and a ground connector (160). When inserted into a retaining cup (142), the terminal block contact elements (102) engage a pair of corresponding test leads (48) in test ports and the protection module ground connector (160) engages the grounding strip ground connector (158) to provide surge protection to a pair of conductive paths through the connection of the test leads in the test ports. The protection module may be removed or replaced as needed.

IPC 1-7
H01R 9/26

IPC 8 full level
H01R 4/24 (2006.01); **H01R 9/24** (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP US)
H01R 4/2408 (2013.01 - EP US); **H01R 4/2433** (2013.01 - EP); **H01R 9/2441** (2013.01 - EP US); **H01R 9/2483** (2013.01 - EP);
H01R 9/2625 (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9613089 A1 19960502; AT E224588 T1 20021015; AU 1040295 A 19960515; AU 3859195 A 19960515; CA 2202658 A1 19960502;
CA 2202658 C 20060606; DE 69431409 D1 20021024; DE 69431409 T2 20030417; EP 0787372 A1 19970806; EP 0787372 A4 19981223;
EP 0787372 B1 20020918; IL 115702 A0 19960119; IL 115702 A 20000716; KR 100331579 B1 20021004; MY 113297 A 20020131;
TW 274641 B 19960421; WO 9613077 A1 19960502

DOCDB simple family (application)
US 9512745 W 19950929; AT 95901007 T 19941021; AU 1040295 A 19941021; AU 3859195 A 19950929; CA 2202658 A 19950929;
DE 69431409 T 19941021; EP 95901007 A 19941021; IL 11570295 A 19951019; KR 19970702636 A 19970418; MY PI19943082 A 19941118;
TW 84111145 A 19951021; US 9411908 W 19941021