

Title (en)

Terminal structure for a low voltage distributor

Title (de)

Klemmenanordnung für einen Niederspannungsverteiler

Title (fr)

Dispositif de borne à connexion pour distributeur électrique à basse tension

Publication

EP 1104047 A3 20030402 (DE)

Application

EP 00811068 A 20001113

Priority

DE 19957277 A 19991129

Abstract (en)

[origin: EP1104047A2] Terminal arrangements for low-voltage distributors include designs having an additional base arranged outside a main base for receiving a protective- and/or neutral conductor rail, and where the neutral- (N) protective- (PE) rails are external of the main structure, an isolating switch or isolator is required for the N-conductor and is plugged onto the main base, in order to facilitate measurement of the insulation relative to earth when testing the distributor. To avoid the additional expense and installation outlay involved in these designs, good security against unprotected contact is achieved together with easier assembly, by having an additional base (Z) designed as a pluggable base and by having the (supply) terminal positioned in a housing, made of an insulating material, of a pluggable part (S1,S2,S3) which can be plugged on the additional base (Z).

IPC 1-7

H01R 9/26

IPC 8 full level

H01R 9/26 (2006.01)

CPC (source: EP)

H01R 9/2691 (2013.01)

Citation (search report)

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- [XA] CH 654696 A5 19860228 - BBC BROWN BOVERI & CIE
- [XA] DE 19524123 C1 19970213 - PHOENIX CONTACT GMBH & CO [DE]
- [A] EP 0229590 A1 19870722 - MAIER & CIE C [CH]
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EP1337005B1

Designated contracting state (EPC)

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

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EP 1104047 A2 20010530; EP 1104047 A3 20030402; EP 1104047 B1 20050119; AT E287581 T1 20050215; DE 19957277 A1 20010531; DE 50009272 D1 20050224

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