

Title (en)

Terminal block with insulation displacement terminals

Title (de)

Reihenklemme mit Isolationsdurchdringendem Leiteranschluss

Title (fr)

Reglette avec bornes à déplacement d'isolant

Publication

EP 0936697 B1 20070704 (DE)

Application

EP 98120772 A 19981102

Priority

DE 29802674 U 19980217

Abstract (en)

[origin: US6120315A] A terminal block assembly is provided containing a bus bar having a knife edge arranged to penetrate the insulation of an insulated conductor that is carried by a support member, whereby during the connection of the support member with the terminal block, the insulation is penetrated by the knife edge to electrically connect the conductor with the bus bar. In order to facilitate the connection of the support member to the terminal block, the support member and the terminal block are provided with openings that cooperate to define a long-arm pivotal leverage arrangement that provides an assembling tool with a mechanical advantage for assisting in the penetration of the insulation by the knife edge.

IPC 8 full level

H01R 4/24 (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP US)

H01R 4/2433 (2013.01 - EP US); **H01R 9/26** (2013.01 - EP US)

Cited by

DE20106525U1; EP1120859A3; DE19921769A1; DE20106523U1; DE20118666U1; DE10243107B4; DE202004013363U1; EP1592086A3; DE20110839U1; DE20105806U1; EP2117023A3; EP1191633A3; US6500021B2; US6776647B1; US6478605B2; US7063557B2; EP1816707A2; US7347718B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 6120315 A 20000919; AT E366466 T1 20070715; CN 1106053 C 20030416; CN 1231528 A 19991013; DE 29802674 U1 19980416; DE 59814051 D1 20070816; EP 0936697 A1 19990818; EP 0936697 B1 20070704

DOCDB simple family (application)

US 24541199 A 19990205; AT 98120772 T 19981102; CN 98125494 A 19981225; DE 29802674 U 19980217; DE 59814051 T 19981102; EP 98120772 A 19981102