

Title (en)

Multiple contact and terminal block for communication equipments

Title (de)

Mehrfach-Kontakt- und Anschlussleiste für Schwachstrom-Anlagen

Title (fr)

Barrette de connexion à pluralité de contact pour installation de courant faible

Publication

EP 0427132 B1 19960515 (DE)

Application

EP 90121022 A 19901102

Priority

CH 404689 A 19891109

Abstract (en)

[origin: EP0427132A2] For insulation-piercing terminal wiring, the terminal block comprises pivoting covers (2), which are articulated on the body (1) of the terminal block and can be pressed down, and from which compression ribs (3) project which penetrate into a wire insertion slot (4) in each case when the pivoting cover (2) is pressed down onto the body (1), in order in each case to insert one wire (5) which is guided out between the joint (8) of the pivoting cover (2) and a terminal blade (6) of wires (5) which are longitudinally guided in channels (20) on the body (1), into the slot (4) or to press the relevant wire (5) into the terminal blade (6) by contact means (7). As a result of these measures, the main problem of connecting multiple contact and terminal blocks in a very small space and the problem of exerting pressure onto the wires for a reliable electrical contact as well as that of completely covering the contact points in a volumetric manner is solved, it being possible to make the pivoting cover so wide that a plurality of wires can be simultaneously pressed into the terminal blades of the associated contact terminals of the terminal block. <IMAGE>

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01)

CPC (source: EP)

H01R 4/2433 (2013.01)

Citation (examination)

EP 0286577 A2 19881012 - KRONE AG [DE]

Cited by

FR2730096A1; US5417583A; US5785548A; EP0671780A1; US5662493A; AU681227B2; CN1045846C; WO9734338A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0427132 A2 19910515; EP 0427132 A3 19920415; EP 0427132 B1 19960515; CH 680957 A5 19921215; DE 59010324 D1 19960620

DOCDB simple family (application)

EP 90121022 A 19901102; CH 404689 A 19891109; DE 59010324 T 19901102