

Title (en)
SCREWLESS ELECTRICAL TERMINAL

Publication
EP 0218133 A3 19880921 (DE)

Application
EP 86112909 A 19860918

Priority
CH 434885 A 19851009

Abstract (en)
[origin: US4708417A] A threadless electric connector includes a V-shaped plate spring having wing sections joined together to form a vertex at one end and overlapping arms at opposite ends having openings therein spaced from terminal ends of the arms such that an end portion of one of the arms at least partially blocks the opening in the other arm in an initial condition of the spring. One of the wing sections is attached to a support and electric contact element having a flange lying parallel to the arm of the one wing section and containing an opening. In operation, the wing sections are resiliently movable relatively toward one another for aligning all three openings for the reception of an elongated electric conductor which is clamped in place upon release of the pressure applied.

IPC 1-7
H01R 4/48

IPC 8 full level
H01R 4/48 (2006.01); **H01R 4/52** (2006.01)

CPC (source: EP US)
H01R 4/48455 (2023.08 - EP US)

Citation (search report)
• [X] DE 1105937 B 19610504 - OBERLIND VEB ELEKTROINSTALL
• [A] DE 1266194 B 19680411 - MAERKLIN & CIE GMBH GEB
• [A] DE 2706482 A1 19780817 - WAGO KONTAKTTECHNIK GMBH

Cited by
FR2777705A1; US5984738A; DE4319018C1; DE10158585C1; EP1014495A1; FR2787932A1; US6196883B1; WO9715963A1; WO2013168816A1

Designated contracting state (EPC)
CH DE FR GB IT LI SE

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EP 0218133 A2 19870415; EP 0218133 A3 19880921; EP 0218133 B1 19920422; CH 667553 A5 19881014; DE 3684980 D1 19920527; JP H0449227 B2 19920810; JP S62115677 A 19870527; US 4708417 A 19871124

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EP 86112909 A 19860918; CH 434885 A 19851009; DE 3684980 T 19860918; JP 23815786 A 19861008; US 91115886 A 19860924