

Title (en)
CONNECTING TERMINAL FOR ELECTRICAL CONDUCTORS

Publication
EP 0082285 B1 19870902 (DE)

Application
EP 82110246 A 19821106

Priority
DE 3149948 A 19811217

Abstract (en)
[origin: ES276306U] A connector for clamping one or more electrical conductors has a shackle which cooperates with a screw serving to urge one end portion of a rail toward a bottom wall of the shackle. The bottom wall has a central portion flanked by two convergent lateral portions which guide one or more conductors against the internal surface of the central portion when the screw causes the end portion of the rail to approach the bottom wall. The underside of the end portion of the rail has a centrally located platform whose underside urges the conductor or conductors against the central portion of the bottom wall and which is assisted by two ridges disposed between pairs of recesses in the end portion of the rail. The lateral portions of the bottom wall have notches which receive portions of the platform, and the recesses receive portions of the corresponding lateral wall portions. The undersides of the ridges can constitute concave surfaces to further enhance the gathering, centering and clamping effect of the end portion of the rail when the screw is rotated in a direction to advance the end portion toward the inner side of the bottom wall.

IPC 1-7
H01R 4/36

IPC 8 full level
H01R 4/36 (2006.01); **H01R 4/38** (2006.01)

CPC (source: EP US)
H01R 4/363 (2013.01 - EP US)

Cited by
EP1465292A1; EP0281996A3; DE4414148A1; EP0119828A3; DE102005061732A1; DE102005061732B4; DE20305314U1; WO2007079846A1

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EP 0082285 A2 19830629; EP 0082285 A3 19860319; EP 0082285 B1 19870902; EP 0082285 B2 19920603; AT E29344 T1 19870915; AU 558216 B2 19870122; AU 9068782 A 19830623; CA 1183920 A 19850312; DE 3149948 A1 19830707; DE 3277163 D1 19871008; ES 276306 U 19840501; ES 276306 Y 19850801; JP S58121574 A 19830719; JP S5925344 B2 19840616; US 4529261 A 19850716; ZA 829212 B 19831026

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