

Title (en)

Spring clip for connectiong an electrical conductor

Title (de)

Federklemme zum Anschliessen elektrischer Leiter

Title (fr)

Pince à ressort pour raccorder un conducteur électrique

Publication

EP 1081790 B1 20030312 (DE)

Application

EP 00114747 A 20000708

Priority

DE 29915515 U 19990903

Abstract (en)

[origin: EP1081790A2] The housing comprises connecting chambers, containing a clamping spring (5) coacting with a current rail section (3). The spring is angularly bent to form a clamping edge (8) at the free end of its clamping shank (7). This is directed onto the inserted conductor (6) and hooked onto it. There is an actuator for opening the connection. The free end of the clamping spring has a double bend (10), extending in the direction from the inserted conductor such that the clamping edge does not abut the conductor during reopening.

IPC 1-7

H01R 4/48

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/483 (2023.08 - EP); **H01R 4/48365** (2023.08 - US); **H01R 4/4821** (2023.08 - EP)

Cited by

DE102015118032A1; EP1950837A1; CN102197539A; EP3836306A1; US7244140B2; US8535084B2; US10199759B2; WO2014170273A1; WO2010022846A1; WO2016198192A1; EP2418738B1; EP2605335A3; EP3125372A1; DE102015118032B4; DE102010025930A1; WO2012000639A1; DE102010025930B4; EP3038213B1; EP2605335B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1081790 A2 20010307; **EP 1081790 A3 20020410**; **EP 1081790 B1 20030312**; AT E234518 T1 20030315; DE 29915515 U1 20010201; DE 50001431 D1 20030417; US 6261120 B1 20010717

DOCDB simple family (application)

EP 00114747 A 20000708; AT 00114747 T 20000708; DE 29915515 U 19990903; DE 50001431 T 20000708; US 64484100 A 20000824