

Title (en)

TENSION SPRING CLAMP WITH CLIP SPRING BENT OUT FROM A SPRING BLADE

Title (de)

ZUGFEDERKLEMME MIT EINER AUS EINEM FEDERBLATT GEBOGENEN KLEMMFEDER

Title (fr)

PINCE A RESSORT DE TRACTION MUNIE D'UN RESSORT DE SERRAGE CINTRE A PARTIR D'UNE LAME DE RESSORT

Publication

EP 0976174 A1 20000202 (DE)

Application

EP 98920532 A 19980416

Priority

- DE 19715971 A 19970417
- EP 9802232 W 19980416

Abstract (en)

[origin: WO9848483A1] The invention relates to a tension spring clamp in which the clip spring (2), which is bent out from a spring blade, is used for bracing an electric conductor against a conductor rail (1). The clip spring (2) extends from a supporting or fastening point (3) to a power derivation point (6), where it has a clamping component (7) with continuous curves which braces the electric conductor against the conductor rail (1). In order to guarantee more equal distribution of the spring tension across the entire length of the clip spring (2), said clip spring is strengthened in the areas with highest spring tension and/or weakened in the areas with lowest spring tension.

IPC 1-7

H01R 4/48

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP)

H01R 4/48455 (2023.08)

Cited by

CN104995800A; CN109524802A; DE102019123949A1; DE102019123949B4

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI LU NL

DOCDB simple family (publication)

WO 9848483 A1 19981029; AT E212481 T1 20020215; DE 19715971 C1 19980507; DE 59802904 D1 20020314; EP 0976174 A1 20000202; EP 0976174 B1 20020123; ES 2170494 T3 20020801

DOCDB simple family (application)

EP 9802232 W 19980416; AT 98920532 T 19980416; DE 19715971 A 19970417; DE 59802904 T 19980416; EP 98920532 A 19980416; ES 98920532 T 19980416