

Title (en)
Spring clamp terminal for electrical conductor

Title (de)
Federkraftklemmanschluss für einen elektrischen Leiter

Title (fr)
Borne à ressort pour conducteur électrique

Publication
EP 1391965 B1 20090128 (DE)

Application
EP 03018505 A 20030815

Priority
DE 10239273 A 20020822

Abstract (en)
[origin: EP1391965A1] The device has a bus bar piece and a plate spring for connecting an electrical conductor. The flat material bus bar piece has a conductor plug-through opening in the form of a four-cornered passage with a hole collar extending in the plugging direction. The plate spring has a clamping leg whose end is inserted into the passage to form a clamping point with an inner wall of the collar with a transverse edge protruding against the conductor. The device has a bus bar piece (10) and a plate spring for connecting an electrical conductor. The bus bar piece is made of flat material and has a conductor plug-through opening in the form of a four-cornered material passage (11) with a hole collar (13) extending in the plugging direction. The plate spring has a clamping leg (20) whose end is inserted into the passage so that it forms a clamping point with an inner wall (15) of the collar with a transverse edge (22) protruding against the conductor.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP KR US)
H01R 4/48 (2013.01 - KR); **H01R 4/4852** (2023.08 - EP KR US); **H01R 4/4816** (2023.08 - EP KR US); **H01R 4/4842** (2023.08 - EP KR US)

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DE102004046471B3; DE102010009158B4; DE102010051899B4; CN102187522A; DE102008055721B4; DE202016103581U1;
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WO2014076122A1; EP1657789A1; DE102022118427A1; EP1641078A2; EP2551962A1; DE102011108828A1; US8932075B2

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CA 2437872 A1 20040222; CA 2437872 C 20110322; CN 100521370 C 20090729; CN 1487626 A 20040407; DE 10239273 A1 20040304;
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JP 4329897 B2 20090909; KR 100935279 B1 20100106; KR 20040018203 A 20040302; PL 205185 B1 20100331; PL 361773 A1 20040223;
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JP 2003336460 A 20030822; KR 20030058135 A 20030822; PL 36177303 A 20030821; RU 2003125825 A 20030821;
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