

Title (en)

Sleeve shaped clamping element for strippless connecting electric conductors

Title (de)

Hülsenförmiges Klemmelement zum abisolierfreien Anschluss elektrischer Leiter

Title (fr)

Élément de serrage sous forme de douille pour connexion autodénudant de conducteurs électriques

Publication

EP 1037310 A3 20010808 (DE)

Application

EP 00101409 A 20000125

Priority

DE 19909825 A 19990305

Abstract (en)

[origin: EP1037310A2] The socket has a longitudinal clamping slot (4). The socket body has two spring limbs with cutting edges converging towards the clamping slot. The cross-section of one of the two sprung limbs (5) is tapered in its elastically deformable region towards the clamping slot. The tapered cross-section extends to the cutting edge of the sprung limb. The reduction in cross-section may be continuous.

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01)

CPC (source: EP)

H01R 4/2458 (2013.01)

Citation (search report)

- [DA] DE 2339800 B1 19740530 - SIEMENS AG
- [DA] US 4466682 A 19840821 - JUSSEAU MARCEL [FR], et al
- [A] US 3960431 A 19760601 - MACKENZIE MORLEY SCOTT, et al

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 1037310 A2 20000920; EP 1037310 A3 20010808; EP 1037310 B1 20051116; EP 1037310 B3 20130925; EP 1037310 B3 20140917;
DE 19909825 A1 20000921; DE 19909825 C2 20010531; DE 19909825 C5 20060126; DE 50011598 D1 20051222

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EP 00101409 A 20000125; DE 19909825 A 19990305; DE 50011598 T 20000125