

Title (en)
ELECTRICAL CONNECTION OR TERMINAL CLAMPS

Publication
EP 0263325 A3 19900117 (DE)

Application
EP 87113360 A 19870912

Priority
DE 3634099 A 19861007

Abstract (en)
[origin: EP0263325A2] An electrical connection or terminal clamp has a sheet metal part (1) intended for pressing onto one end of at least one insulated electrical conductor, the sheet metal part (1) having an essentially U-shaped cross-section, on the inside of which there are webs running transversely with respect to the longitudinal axis of the connection or terminal clamp, which webs are bounded laterally by slots (2) located between them which are at least partially parallel. In order to be able to use the electrical connection or terminal clamp universally, especially for particularly thin varnish-insulated wires in a diameter range from approximately 0.05 mm to approximately 0.2 mm, the arrangement is designed such that the slots (2) (having a variable slot depth over their longitudinal extent) are constructed originating from a central region with the maximum slot depth (9) running continuously to regions (10) on the end sides, with the minimum slot depths. <IMAGE>

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)
H01R 4/2495 (2013.01)

Citation (search report)

- [A] US 4003623 A 19770118 - REYNOLDS CHARLES EDWARD
- [A] US 4605279 A 19860812 - MIXON JAMES LENHART JR [US]
- [A] US 3292412 A 19661220 - ANTHONY COSTABILE PHILIP

Cited by
CN105164857A; EP0841717A3; US9768524B2; WO2014135610A1

Designated contracting state (EPC)
AT CH DE ES FR GB GR IT LI NL

DOCDB simple family (publication)
EP 0263325 A2 19880413; EP 0263325 A3 19900117; EP 0263325 B1 19940316; AT E103110 T1 19940415; BG 48220 A3 19901214; DD 279571 A5 19900606; DE 3634099 A1 19880421; DE 3634099 C2 19941201; DE 3789346 D1 19940421; ES 2050654 T3 19940601; FI 874332 A0 19871002; FI 874332 A 19880408; FI 93910 B 19950228; FI 93910 C 19950612; YU 183787 A 19900630

DOCDB simple family (application)
EP 87113360 A 19870912; AT 87113360 T 19870912; BG 8135287 A 19871002; DD 30765787 A 19871005; DE 3634099 A 19861007; DE 3789346 T 19870912; ES 87113360 T 19870912; FI 874332 A 19871002; YU 183787 A 19871005