

Title (en)
SCREW INSERTION TERMINAL

Publication
EP 0275506 A3 19890308 (DE)

Application
EP 87118773 A 19871217

Priority
DE 8701125 U 19870123

Abstract (en)
[origin: US4836807A] A screw-plug terminal housing is provided having an end with four holes for receiving four connecting leads. The end has two end pieces, sections of the end pieces being angled outwardly from the housing to form a V-shaped configuration. On the inner surface of each section is provided a leaf spring, partially slit in its longitudinal direction, extending toward the interior of the housing. Inside the housing, a free end of each leaf spring clamps a connecting lead against an inside wall of the housing when a connecting lead is inserted into one of the four holes of the end. Slots in the housing allow access to the leaf spring ends to allow simple disconnection of the leads by pushing on the leaf spring to disengage the leaf spring from the lead.

IPC 1-7
H01R 4/48; H01R 4/30; H01R 4/36

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP US)
H01R 4/48185 (2023.08 - EP US)

Citation (search report)
• [A] GB 2095925 A 19821006 - STUCCHI SPA AAG
• [A] FR 2007494 A1 19700109 - VOSSLOH WERKE GMBH
• [XP] DE 8701125 U1 19870402

Designated contracting state (EPC)
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DE 8701125 U1 19870402; EP 0275506 A2 19880727; EP 0275506 A3 19890308; US 4836807 A 19890606

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DE 8701125 U 19870123; EP 87118773 A 19871217; US 14734788 A 19880122