

Title (en)
Improvements in or relating to mounting terminals with electric wires into connector housings

Title (de)
Verbesserungen beim Montieren von Anschlüssen mit elektrischen Leitern in Steckgehäuse

Title (fr)
Améliorations relatives au montage des bornes avec fils électriques dans des boîtiers de connecteurs

Publication
EP 1032094 A1 20000830 (EN)

Application
EP 00301374 A 20000222

Priority

- JP 4876799 A 19990225
- JP 14309099 A 19990524
- JP 14321299 A 19990524
- JP 14346399 A 19990524
- JP 14344899 A 19990524

Abstract (en)
A process (method) and system (apparatus) for mounting terminals t with electric wires a in cavities s of connector housings C. Press-connecting terminals t are initially loaded in cavities 14a arranged in an upper surface of a connector jig 14 and electric wires a are press-connected on the terminals t in the jigs 14. Then, the terminals t with electric wires a are transferred from the connector jig 14 to cavities 72 arranged in a lower surface of an inserting jig 71 by pins 83 arranged to contact and push the terminals t from below in the transfer direction. Then, the terminals t are loaded from the inserting jig 71 to cavities s of connector housings C from the back by blades 73 arranged to contact and push the terminals from one end in the inserting direction. <IMAGE>

IPC 1-7
H01R 43/20

IPC 8 full level
H01R 43/20 (2006.01)

CPC (source: EP)
H01R 43/20 (2013.01)

Citation (search report)

- [YA] US 5630273 A 19970520 - KOBAYASHI TAKASHI [JP], et al
- [Y] PT 102007 A 19971128 - YAZAKI CORP [JP]
- [A] US 4375229 A 19830301 - MIKAMI HITOSHI [JP], et al

Cited by
CN114430130A; CN114759386A; CN109462113A; CN113783068A; CN117855996A; CN117996545A; EP3155700B1

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