

Title (en)
Improved connector with lateral insertion

Title (de)
Verbesserte Verbinder mit längsseitiger Einführung

Title (fr)
connecteur perfectionné à insertion latérale

Publication
EP 0856914 A3 19990224 (FR)

Application
EP 98500025 A 19980130

Priority
ES 9700255 U 19970201

Abstract (en)
[origin: WO9834301A1] A connector (10) for making electrical terminal connections facilitates making relatively easy and secure lateral insertions of one or more terminals. The connector (10) includes a pair of lateral supports (12) at opposite ends of a plurality of generally aligned walls (14). The walls (14) define a plurality of cells (20) between them. Each of the walls (14) supports a protuberance (15) on one side of the walls preferably at a generally central location along the length of the walls. One end of the walls includes a tab (18) supported on each side of the walls such that each of the cells (20) includes one protuberance (15) and two tabs (18). The protuberances facilitate proper terminal placement while each set of two tabs cooperate to form a wire holding portion within each cell. The lateral supports (12) and walls (14) are supported by first and second lateral bases (13, 11) that are configured and positioned to allow easy lateral insertion of terminals and further secure the position of the terminals within the connector.

IPC 1-7
H01R 13/40

IPC 8 full level
H01R 13/42 (2006.01); **H01R 13/422** (2006.01); **H01R 13/506** (2006.01)

CPC (source: EP US)
H01R 13/42 (2013.01 - EP US); **H01R 13/422** (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US)

Citation (search report)

- [Y] US 5380220 A 19950110 - OKABE TOSHIKI [JP]
- [A] US 5026304 A 19910625 - FURROW RANDY M [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 404 (E - 817) 7 September 1989 (1989-09-07)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 252 (E - 1547) 13 May 1994 (1994-05-13)

Designated contracting state (EPC)
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DOCDB simple family (application)
US 9801068 W 19980128; CA 2278837 A 19980128; DE 69827309 T 19980130; EP 98500025 A 19980130; ES 9700255 U 19970201; US 36560399 A 19990730