

Title (en)

Electrical connector assembly with releasably retained terminals.

Title (de)

Elektrischer Verbinderzusammenbau mit lösbar gehaltenen Anschlüssen.

Title (fr)

Assemblage de connecteur électrique à bornes retenues de façon amovible.

Publication

EP 0043200 A1 19820106 (EN)

Application

EP 81302635 A 19810615

Priority

US 16391580 A 19800627

Abstract (en)

An electrical connector assembly comprising an insulating housing (10) formed with terminal-receiving passageways (16) having mouths (21) of keyhole section, a transverse bore (24) intersecting each passageway (16) adjacent the mouth (21) to define a retention cavity with terminal retaining shoulders (25) on each side of the mouth (21). Terminals (26) are each formed with a retaining portion comprising a pair of outwardly extending flanges (52, 54) having adjacent substantially parallel first portions (53 and 55) and resilient second portions (56 and 58) which extend rearwardly from the first portions in a plane parallel to the terminal axis and in mutually divergent relation. The second flange portions (56 and 58) are received in the retention cavities engaging the shoulders (25) in a snap action releasably to retain the terminals (26) in the passageways (16).

IPC 1-7

H01R 13/428

IPC 8 full level

H01R 13/428 (2006.01); **H01R 24/00** (2006.01); **H01R 4/24** (2006.01)

CPC (source: EP)

H01R 13/428 (2013.01); **H01R 24/76** (2013.01); **H01R 4/2445** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)

- [D] JP S5222595 U 19770217
- AU 6300869 A 19710506
- US 3601746 A 19710824 - TEAGNO WLADIMIRO
- [PD] US 4243288 A 19810106 - LUCIUS JOHN E, et al

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Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0043200 A1 19820106; **EP 0043200 B1 19840606**; CA 1147415 A 19830531; DE 3163967 D1 19840712; ES 259178 U 19820716; ES 259178 Y 19830201; JP S5743372 A 19820311; JP S6367753 B2 19881227

DOCDB simple family (application)

EP 81302635 A 19810615; CA 380285 A 19810622; DE 3163967 T 19810615; ES 259178 U 19810626; JP 9850981 A 19810626