

Title (en)

ELECTRICAL CONNECTOR FOR CIRCUIT BOARD

Title (de)

ELEKTRISCHER STECKVERBINDER FÜR LEITERPLATTENMONTAGE

Title (fr)

CONNECTEUR ELECTRIQUE POUR PLAQUETTE DE CIRCUITS IMPRIMES

Publication

EP 0895661 A1 19990210 (EN)

Application

EP 97921297 A 19970421

Priority

- JP 12400096 A 19960422
- US 9706620 W 19970421

Abstract (en)

[origin: WO9740555A1] The present invention provides an electrical connector which can be smoothly connected to a circuit board, and which is firmly held on this circuit board. The electrical connector (10) accommodates signal terminals (30), a ground terminal (50) and supporting terminals (70) inside cavities (25) of substantially the same shape which are formed in a housing (20). The signal terminals (30) and ground terminal (50) have soldering tines (33) of substantially the same shape, while the supporting terminals (70) have supporting legs (80) which protrude by a smaller amount than the tines (33). The tines (33) and supporting legs (80) are installed in a single row on the rear portion of the housing (20). When the electrical connector (10) is attached to a circuit board, the supporting legs (80) drive the electrical connector (10) in the forward direction so that the tines (33) are pressed against the inside surfaces of the corresponding throughholes; accordingly, the electrical connector (10) is firmly held on the circuit board.

IPC 1-7

H01R 23/70

IPC 8 full level

H05K 3/30 (2006.01)

CPC (source: EP)

H01R 12/7064 (2013.01); **H01R 12/724** (2013.01); **H05K 3/303** (2013.01)

Citation (search report)

See references of WO 9740555A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9740555 A1 19971030; EP 0895661 A1 19990210; JP 3269773 B2 20020402; JP H09289053 A 19971104

DOCDB simple family (application)

US 9706620 W 19970421; EP 97921297 A 19970421; JP 12400096 A 19960422