

Title (en)  
ZERO INSERTION FORCE ELECTRICAL CONNECTOR

Publication  
**EP 0032614 B1 19840201 (EN)**

Application  
**EP 80304326 A 19801202**

Priority  
US 10504679 A 19791218

Abstract (en)  
[origin: EP0032614A2] Zero insertion force electrical connector. The connector comprises a row of electrical terminals (2) which can be moved to an open position to allow the insertion into the connector, substantially without force, of a male contact member (70) and to a closed position to engage the male member (70). The terminals (2) are moved between these positions by means of a lever (66) pivoted to a connector housing body part (24). In order to permit the forcible insertion of locking portions (20) of the terminals (2) into holes (86) in a support (88), without damage to the body part (24) and the lever (66), the terminals are provided with seats (16) for a terminal insertion tool (80). Also to this end, the lever (66) may be resiliently mounted to the body part (24).

IPC 1-7  
**H01R 13/438; H01R 13/193**

IPC 8 full level  
**H01R 12/16** (2006.01); **H01R 12/88** (2011.01); **H01R 12/89** (2011.01); **H01R 13/193** (2006.01); **H01R 24/00** (2006.01); **H01R 12/50** (2011.01); **H01R 12/70** (2011.01); **H01R 12/72** (2011.01); **H01R 12/73** (2011.01)

CPC (source: EP)  
**H01R 12/88** (2013.01); **H01R 12/89** (2013.01); **H01R 12/7064** (2013.01); **H01R 12/721** (2013.01); **H01R 12/737** (2013.01); **H01R 43/205** (2013.01)

Cited by  
EP2865051A4; CN113918049A; EP0223181A3; EP2509166A3; CN109830822A; CN114336175A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0032614 A2 19810729; EP 0032614 A3 19811104; EP 0032614 B1 19840201**; AR 222591 A1 19810529; AT E6109 T1 19840215; AU 6518780 A 19810625; BR 8008234 A 19810707; CA 1138547 A 19821228; DE 3066438 D1 19840308; ES 497832 A0 19811016; ES 8200519 A1 19811016; JP S5697982 A 19810807; MX 148021 A 19830224

DOCDB simple family (application)  
**EP 80304326 A 19801202**; AR 28361380 A 19801212; AT 80304326 T 19801202; AU 6518780 A 19801209; BR 8008234 A 19801216; CA 365422 A 19801125; DE 3066438 T 19801202; ES 497832 A 19801217; JP 17964380 A 19801217; MX 18516380 A 19801211