

Title (en)
MULTIPOLE ELECTRICAL CONNECTOR

Publication
EP 0235338 B1 19900808 (DE)

Application
EP 86102926 A 19860305

Priority
EP 86102926 A 19860305

Abstract (en)
[origin: US4813892A] A multi-pole plug connector is formed as a strip which includes a plurality of plug parts or socket parts having different respective numbers of poles; a plurality of corresponding socket parts or plug parts respectively insertable into the strip; coding elements arranged in the plug parts and the socket parts; first cooperating contours provided on the plug parts and the socket parts, and including a plurality of projections and a plurality of recesses arranged in a pattern with a predetermined pattern spacing, except in corner regions of the strip, so that the projections are normally engageable in the recesses when the plug parts are plugged into the socket parts; the corner edges of the plug parts and of the socket parts forming abutment edges of the parts, and including projection-free regions provided in the corner edges which deviate from the patterned contours so as to be purposely mismatched and nonfittingly collidable with the latter, the contours being provided with additional recesses in correspondence with the pattern spacing, but formed so that in the additional recesses either one of the further projections or a blocking element preventing the insertion of the one further projection can be inserted, and wherein the outlines of the blocking element and the one further projection are partially overlapping.

IPC 1-7
H01R 13/64

IPC 8 full level
H01R 13/64 (2006.01)

CPC (source: EP US)
H01R 13/64 (2013.01 - EP US)

Cited by
DE4420984A1; DE4420984C2; US5254018A; EP0526053A3

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

DOCDB simple family (publication)
EP 0235338 A1 19870909; EP 0235338 B1 19900808; DE 3673391 D1 19900913; US 4813892 A 19890321

DOCDB simple family (application)
EP 86102926 A 19860305; DE 3673391 T 19860305; US 2177187 A 19870304