

Title (en)
Crimp-on connector for flat cable

Title (de)
Crimpverbinder für Flachleitungen

Title (fr)
Connecteur à sertissage pour câble plat

Publication
EP 0978902 A3 20010214 (DE)

Application
EP 99115539 A 19990802

Priority
DE 19835022 A 19980803

Abstract (en)
[origin: EP0978902A2] A crimp connector (1) for two flexible flat cables (11,12) includes a carrier element (2) which runs mainly transversely to the length of the flat cables to be joined. Also included is a contact element (3) which runs mainly in the length direction of the flat cables and which is fixed on the carrier element (2). An electrically conducting contact element (3) is provided for each conductor path (10) of the flat flexible cables (11,12), and a number of retainers (4) are provided at each contact element (3) and can be durably engaged with the flat flexible cables. At least one cable-piercing device (5) is provided at each contact element and penetrates the conductor path (10) of the flat flexible cable.

IPC 1-7
H01R 12/08

IPC 8 full level
H01R 12/08 (2006.01); **H01R 12/10** (2006.01); **H01R 12/61** (2011.01); **H01R 12/69** (2011.01)

CPC (source: EP)
H01R 12/613 (2013.01); **H01R 12/69** (2013.01)

Citation (search report)

- [A] US 3960430 A 19760601 - BUNNELL EDWARD DENNMAN, et al
- [A] US 4784623 A 19881115 - BECK JR HOY S [US]
- [A] EP 0286422 A2 19881012 - DU PONT [US]
- [A] EP 0555964 A2 19930818 - WHITAKER CORP [US]

Cited by
DE102004061425A1; DE10161857A1; DE10161857C2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0978902 A2 20000209; EP 0978902 A3 20010214

DOCDB simple family (application)
EP 99115539 A 19990802