

Title (en)

System for smoothly plugging and unplugging large input/output connectors

Title (de)

Vorrichtung zum sanften kuppeln und entkuppeln von Ein-Ausgangsverbindern mit einer grossen Anzahl von Kontakten

Title (fr)

Dispositif pour accoupler et découpler facilement des connecteurs entrée-sortie à grand nombre de contacts

Publication

EP 0887887 A3 20000412 (EN)

Application

EP 98480025 A 19980430

Priority

- EP 98480025 A 19980430
- EP 97480037 A 19970627

Abstract (en)

[origin: EP0887887A2] The present invention relates to cable-to-card connectors and more particularly to a system for simplifying plugging and unplugging operations and for preventing any risk of bending pins and damaging contacts first, by guiding the cable and receiving connectors and second by multiplying the operator's insertion/extraction force. The system comprises a pair of guiding posts one on each side of the cable connector and a push-pull unique central screw making the link between guiding posts and the cable connector. <IMAGE>

IPC 1-7

H01R 13/193; **H01R 23/02**; **H01R 13/629**

IPC 8 full level

H01R 12/16 (2006.01); **H01R 12/70** (2011.01); **H01R 12/89** (2011.01); **H01R 13/621** (2006.01); **H01R 13/631** (2006.01); **H01R 24/28** (2011.01)

CPC (source: EP)

H01R 12/7005 (2013.01); **H01R 12/89** (2013.01); **H01R 13/111** (2013.01); **H01R 24/28** (2013.01); **H01R 12/7047** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)

- [X] EP 0674362 A1 19950927 - CINCH CONNECTEURS SA [FR]
- [X] US 5098312 A 19920324 - RACZYNSKI WALTER [US]
- [A] US 3755771 A 19730828 - BRUSH R
- [A] DE 3902230 A1 19900802 - DAIMLER BENZ AG [DE]

Cited by

FR2823605A1; CN109546443A

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 0887887 A2 19981230; **EP 0887887 A3 20000412**; **EP 0887887 B1 20050914**

DOCDB simple family (application)

EP 98480025 A 19980430