

Title (en)  
ENHANCED PERFORMANCE TELECOMMUNICATIONS CONNECTOR

Title (de)  
TELEKOMMUNIKATIONSTECKER MIT VERBESSERTER LEISTUNG

Title (fr)  
CONNECTEUR POUR TELECOMMUNICATIONS A CARACTERISTIQUES DE FONCTIONNEMENT AMELIOREES

Publication  
**EP 0966776 A4 20021009 (EN)**

Application  
**EP 98946962 A 19980914**

Priority  

- US 9819022 W 19980914
- US 731398 A 19980115
- US 4704698 A 19980324

Abstract (en)  
[origin: WO9936997A1] A connector made up of a plug (100) and outlet (300) which, when mated, define four shielded quadrants, each of which houses a pair of contacts (160, 350). Shield members (132, 134) within the plug overlap and shield members (336, 330) within the outlet overlap. In addition, shield members (336, 330) within the outlet overlap adjacent shield members in the plug when mated. Overlapping the shield members at each shield member junction provides enhanced shielding and reduced crosstalk.

IPC 1-7  
**H01R 13/658**; **H01R 13/506**; **H01R 13/627**

IPC 8 full level  
**H01R 9/03** (2006.01); **H01R 13/658** (2006.01); **H01R 9/053** (2006.01)

CPC (source: EP)  
**H01R 13/6471** (2013.01); **H01R 13/6585** (2013.01); **H01R 13/65915** (2020.08); **H01R 13/6592** (2013.01); **H01R 24/60** (2013.01); **H01R 9/053** (2013.01); **H01R 13/6594** (2013.01); **H01R 2107/00** (2013.01); **H01R 2201/16** (2013.01)

Citation (search report)  

- [DXY] US 5593311 A 19970114 - LYBRAND BRENT B [US]
- [X] US 4975084 A 19901204 - FEDDER JAMES L [US], et al
- [Y] US 5409400 A 19950425 - DAVIS WAYNE S [US]
- [Y] US 5456618 A 19951010 - NAKAMURA MASAHIKO [JP]
- [A] EP 0362600 A2 19900411 - HIROSE ELECTRIC CO LTD [JP]
- [E] WO 9848488 A1 19981029 - SOC D FABRICATION IND ET MECAN [FR], et al
- See references of WO 9936997A1

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

DOCDB simple family (publication)  
**WO 9936997 A1 19990722**; AU 9385998 A 19990802; BR 9808329 A 20000516; CN 1128491 C 20031119; CN 1249856 A 20000405; DE 69833956 D1 20060511; DE 69833956 T2 20071018; EP 0966776 A1 19991229; EP 0966776 A4 20021009; EP 0966776 B1 20060322; ES 2259818 T3 20061016; JP 2001515651 A 20010918; TW 441151 B 20010616

DOCDB simple family (application)  
**US 9819022 W 19980914**; AU 9385998 A 19980914; BR 9808329 A 19980914; CN 98803121 A 19980914; DE 69833956 T 19980914; EP 98946962 A 19980914; ES 98946962 T 19980914; JP 53717099 A 19980914; TW 87115427 A 19980916