

Title (en)  
Electrical connector system.

Title (de)  
Elektrisches Verbindersystem.

Title (fr)  
Système de connecteur électrique.

Publication  
**EP 0365179 B1 19940928 (EN)**

Application  
**EP 89310203 A 19891005**

Priority  
• US 25842488 A 19881017  
• US 36792989 A 19890619

Abstract (en)  
[origin: EP0365179A1] A high density, high frequency electrical connector system (10) has ground contacts (28,30,72,74) disposed between adjacent columns of signal carrying contacts (32,76) to provide signal integrity. More particularly, the system (10) includes two mating connectors (12,14) with the ground contacts (28,30) in one (12) being blades (58) and the ground contacts (72,74) in the other (14) being plates beams (124,146) thereon so that when the two connectors (12,14) are mated, the ground contacts (28,30,72,74) complete a ground circuit and the plates of the ground contacts in the other connector (14) provide a shield between adjacent columns of mated signal carrying contacts (32,76).

IPC 1-7  
**H01R 13/658**; **H01R 23/70**

IPC 8 full level  
**H01R 12/16** (2006.01); **H01R 12/50** (2011.01); **H01R 13/648** (2006.01); **H01R 13/658** (2006.01)

IPC 8 main group level  
**H01R** (2006.01)

CPC (source: EP KR)  
**H01R 12/737** (2013.01 - EP); **H01R 13/6585** (2013.01 - EP); **H01R 24/30** (2013.01 - KR)

Cited by  
EP0460975A1; US5904594A; US5259772A; DE4433522B4; US5228864A; EP0724313A3; US5261829A; FR2707045A1; US5151036A; US5605476A; US5607326A; EP0460976A1; US5141453A; US6093031A; EP0905825A3; EP0645856A1; EP2273628A1; EP2290761A1; EP0881718A3; WO9533290A1; WO9619850A1; US6247970B1; US6368121B1; US6439928B1; US6533614B1; US6805586B2

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

DOCDB simple family (publication)  
**EP 0365179 A1 19900425**; **EP 0365179 B1 19940928**; BR 8905245 A 19900515; CA 1319739 C 19930629; CN 1026838 C 19941130; CN 1042030 A 19900509; DE 68918547 D1 19941103; DE 68918547 T2 19950511; ES 2060786 T3 19941201; JP 2704179 B2 19980126; JP H02256184 A 19901016; KR 0152521 B1 19981015; KR 900007134 A 19900509; PT 92009 A 19900430; PT 92009 B 19960531

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**EP 89310203 A 19891005**; BR 8905245 A 19891016; CA 612271 A 19890921; CN 89108038 A 19891016; DE 68918547 T 19891005; ES 89310203 T 19891005; JP 26640789 A 19891016; KR 890014816 A 19891016; PT 9200989 A 19891016