

Title (en)
Electrical connector system.

Title (de)
Elektrisches Verbindersystem.

Title (fr)
Système de connecteur électrique.

Publication
EP 0365179 A1 19900425 (EN)

Application
EP 89310203 A 19891005

Priority
• US 25842488 A 19881017
• US 36792989 A 19890619

Abstract (en)
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 13/658 (2011.01); **H01R 12/50** (2011.01); **H01R 13/648** (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)

Citation (search report)
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• [A] EP 0212764 A2 19870304 - CRITON TECH COMPOSED [US], et al
• [A] EP 0107288 A1 19840502 - AMP INC [US]
• [A] ELECTRONIC ENGINEERING. vol. 60, no. 736, April 1988, Woolwich,LONDON GB Turner,P. and Black,G.: "The demands of logic and power on backplanes"

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Designated contracting state (EPC)
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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