

Title (en)

Electrical connector for high speed signal transmission

Title (de)

Elektrischer Steckverbinder für Signalübertragung mit hoher Geschwindigkeit

Title (fr)

Connecteur électrique pour câble de transmission de signaux à grande vitesse

Publication

EP 1128488 A2 20010829 (EN)

Application

EP 01104117 A 20010221

Priority

- EP 01104117 A 20010221
- EP 00103625 A 20000221

Abstract (en)

A high frequency connector having a main housing having an open mounting side, a cable side and a partition at the cable side defining two compartments where each compartment is in communication with the mounting side and the cable side; a plurality of contacts, where a pair of contacts are positioned in the compartments such that the contacts are exposed from mating with a complementary electrical interface on the mating side and wires of a cable on the cable side; and a rear cover that is fittable to the main housing on the cable side in order to close the open cable side and cover the exposed contacts therein where the cover further includes a second partition configured to mechanically and electrically engage the partition of the main housing where the two partitions are conductive and act as a shield between the two compartments.

IPC 1-7

H01R 13/658

IPC 8 full level

H01R 13/516 (2006.01); **H01R 13/658** (2011.01); **H01R 31/06** (2006.01)

CPC (source: EP)

H01R 13/516 (2013.01); **H01R 12/721** (2013.01); **H01R 24/64** (2013.01); **H01R 31/06** (2013.01); **H01R 2201/04** (2013.01)

Citation (applicant)

- EP 0274487 A1 19880720 - AMP INC [US]
- EP 0525703 A1 19930203 - SIEMENS AG [DE]
- US 5186647 A 19930216 - DENKMANN W JOHN [US], et al
- US 5484308 A 19960116 - GOTZ KLAUS-PETER [DE], et al

Cited by

AU2005255867B2; AU2005255867C1; EP1531523A3; US7033219B2; US7134904B2; WO2011003914A1; WO2005124940A3; WO2006065972A1; US7083472B2; US7249974B2; US7510439B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 1128488 A2 20010829; EP 1128488 A3 20130731; EP 1128488 B1 20150211

DOCDB simple family (application)

EP 01104117 A 20010221