

(51) International Patent Classification:
H01R 13/648 (2006.01) **H01R 12/71** (2011.01)(21) International Application Number:
PCT/US2011/041940(22) International Filing Date:
27 June 2011 (27.06.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/359,252 28 June 2010 (28.06.2010) US
13/166,081 22 June 2011 (22.06.2011) US(71) Applicant (for all designated States except BR, CA, HN, MX, US): **FCI** [FR/FR]; 18 Parc Ariane Iii, 3/5 Rue Alfred Kastler, F-78280 Guyancourt (FR).(71) Applicant (for BR, CA, HN, MX only): **FCI AMERICAS TECHNOLOGY LLC** [US/US]; 502 East John Street, Carson City, NV 89706 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DE GEEST, Jan** [BE/BE]; Oosterzelesteenweg 21, B-9230 Wetteren (BE). **SERCU, Stefaan Hendrik, Jozef** [BE/BE]; Boterdijk 85, B-2990 Wuustwezel (BE). **SMITH, Stephen, B.** [US/US]; 2193 Hastings Drive, Mechanicsburg, PA 17055 (US). **JOHNSECU, Douglas, M.** [US/US]; 2950 Beacon Road, York, PA 17402 (US). **BUCK, Jonathan, E.** [US/US]; 70 Laurel Ridge Road, Hershey, PA 17033 (US).(74) Agent: **FORMAN, Adam, J.**; WOODCOCK WASHBURN LLP, Cira Centre, 12th Floor, 2929 Arch Street, Philadelphia, PA 19104-2891 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: ELECTRICAL CONNECTOR WITH GROUND PLATES

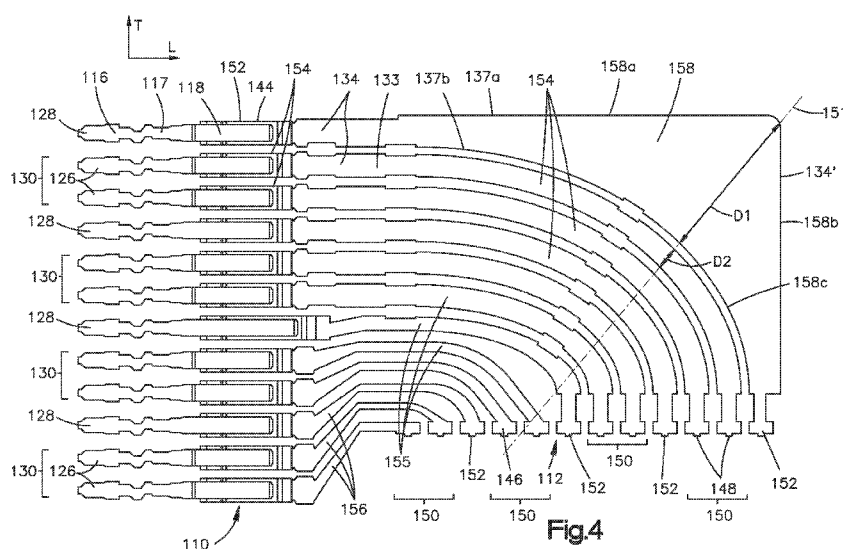


Fig. 4

(57) Abstract: An electrical connector and leadframe assemblies for use therein are provided. Each leadframe assembly can be constructed with at least one electric contact having a ground plate. A first type of leadframe assembly includes an uppermost electrical contact defining a ground plate. A second type of leadframe assembly includes a lowermost electrical contact defining a ground plate. The ground plates can reduce the level of crosstalk exhibited by the electrical connector.