

Title (en)

Broadside-coupled signal pair configurations for electrical connectors

Title (de)

Breitseitengekoppelte Signalpaarkonfigurationen für elektrische Verbinder

Title (fr)

Configurations de paires de signaux couplés latéralement pour connecteurs électriques

Publication

**EP 2084785 B1 20140604 (EN)**

Application

**EP 07839815 A 20071026**

Priority

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- US 85555806 P 20061030
- US 86929206 P 20061208
- US 86606107 A 20071002
- US 92400207 A 20071025

Abstract (en)

[origin: WO2008054683A1] An electrical connector having at least four electrical contacts that form two pairs of differential signal contacts. The first and second electrical contacts may be arranged edge- to-edge along a first direction. The third electrical contact may be adjacent to, and arranged broadside-to-broadside with, the first electrical contact along a second direction substantially transverse to the first direction. The first and third electrical contacts may define one of the pairs of differential signal contacts. The fourth electrical contact may be adjacent to, and arranged broadside-to-broadside with, the second electrical contact along the second direction. The second and fourth electrical contacts may define the other pair of differential signal contacts. The two pairs of differential signal contacts may be offset from one another along the second direction.

IPC 8 full level

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CPC (source: EP)

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