

Title (en)

Contact-pairs assembly of double lines and of multi-conductor cable-lines for cross-talk reduction

Title (de)

Anordnung von Kontaktpaaren von Doppelleitungen und von Leitungen eines mehradrigen Kabels zur Reduzierung des Übersprechens

Title (fr)

Ensemble de paires en contact de lignes doubles et de lignes de câbles multibrins pour la réduction de la diaphonie

Publication

EP 0848390 A3 19990127 (DE)

Application

EP 97118902 A 19971030

Priority

DE 19651196 A 19961210

Abstract (en)

[origin: EP0848390A2] The contact arrangement is for a pair of multi core electrical lines (1,2) that exhibit magnetic cross talk that is directly proportional to the mutual induction of the arrangement. This crosstalk is eliminated when the contact distance between them is set such that the geometric relationship $\hat{X}\cdot\hat{U}^2 + Y^2$ equal to $\hat{A}^2\hat{U}^2$ for the equi potential lines is satisfied.

IPC 1-7

H01B 11/04

IPC 8 full level

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CPC (source: EP US)

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[A] US 1761565 A 19300603 - EMIL KAEMPF, et al

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