

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

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Application

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Priority

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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 $\hat{X} \cdot \hat{A} \cdot \hat{U}^2 + Y^2$ equal to $\hat{A}^2 \cdot \hat{A} \cdot \hat{U}^2$ for the equi potential lines is satisfied.

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