

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 B1 20030115 (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 $\dot{X} \cdot \dot{A}^2 + Y^2$ equal to \dot{A}^2 for the equi potential lines is satisfied.

IPC 1-7

H01B 11/04

IPC 8 full level

H01B 11/04 (2006.01); **H01B 11/08** (2006.01); **H01R 13/40** (2006.01)

CPC (source: EP US)

H01B 11/04 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0848390 A2 19980617; EP 0848390 A3 19990127; EP 0848390 B1 20030115; AR 009654 A1 20000426; AT E231278 T1 20030215; AU 4432897 A 19980611; AU 741392 B2 20011129; BG 102088 A 19980731; BR 9705512 A 19990921; BR 9705512 B1 20090811; CA 2222635 A1 19980610; CA 2222635 C 20020820; CN 1185630 A 19980624; CZ 291676 B6 20030416; CZ 380497 A3 19980715; DE 19651196 A1 19980625; DE 19651196 C2 19981008; DE 59709147 D1 20030220; DK 0848390 T3 20030324; ES 2189914 T3 20030716; HU 9701950 D0 19980128; HU P9701950 A2 19980828; HU P9701950 A3 19990528; ID 18502 A 19980416; IL 122076 A0 19980310; IL 122076 A 20000928; JP H10223065 A 19980821; KR 19980063984 A 19981007; MX 9709795 A 19981031; NO 975510 D0 19971201; NO 975510 L 19980611; NZ 329088 A 19980924; PL 184979 B1 20030131; PL 323294 A1 19980622; PT 848390 E 20030430; SG 64457 A1 19990427; SI 0848390 T1 20030630; SK 162697 A3 19990211; TR 199701586 A2 19980622; TR 199701586 A3 19980622; TW 353182 B 19990221; US 6013874 A 20000111; ZA 9711019 B 19990609

DOCDB simple family (application)

EP 97118902 A 19971030; AR P970105721 A 19971205; AT 97118902 T 19971030; AU 4432897 A 19971103; BG 10208897 A 19971201; BR 9705512 A 19971210; CA 2222635 A 19971127; CN 97126086 A 19971210; CZ 380497 A 19971201; DE 19651196 A 19961210; DE 59709147 T 19971030; DK 97118902 T 19971030; ES 97118902 T 19971030; HU P9701950 A 19971110; ID 973729 A 19971121; IL 12207697 A 19971030; JP 33403297 A 19971204; KR 19970067315 A 19971210; MX 9709795 A 19971208; NO 975510 A 19971201; NZ 32908897 A 19971031; PL 32329497 A 19971124; PT 97118902 T 19971030; SG 1997003916 A 19971031; SI 9730486 T 19971030; SK 162697 A 19971201; TR 9701586 A 19971210; TW 86116641 A 19971107; US 97143797 A 19971117; ZA 9711019 A 19971209