Title (en)

SELF-HEALING MESHED NETWORK

Title (de)

SELBSTGENERIERENDES VERMASCHTES NETZWERK

Title (fr)

RESEAU

Publication

EP 0998804 A1 20000510 (EN)

Application

EP 98938663 A 19980626

Priority

- EP 9803934 W 19980626
- GB 9713802 A 19970630

Abstract (en)

[origin: GB2327020A] A self-healing meshed network includes protection rings in the form of a series of closed loops 42,44. Each node-to-node link 32,34 in the network is protected by a counter-propagating link 46,48 which forms a part of one of the closed loops. Each closed loop preferably passes through three or four of the network nodes 36,38,50. In the event of a cable break, traffic intended for the broken link can instead be routed into the protection ring at the head node, and routed back into the network at the tail node for onward transmission. The network is electrical, using twisted pairs or coaxial cable, or optical. Links can be uni-directional or bidirectional.

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