

Title (en)

HANDLING A FAULT IN AN ETHERNET RING NETWORK

Title (de)

HANDHABUNG EINES FEHLERS IN EINEM ETHERNET-RING-NETZWERK

Title (fr)

GESTION D'UN DÉFAUT DANS UN RÉSEAU À ANNEAU ETHERNET

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Application

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Abstract (en)

[origin: WO2012139531A1] The present disclosure relates to a fault handling method for a communication network that comprises a plurality of intersecting Ethernet rings including at least a first Ethernet ring having a first master node and a first transit node and a second Ethernet ring having a second master node and a second transit node, the first Ethernet ring and the second Ethernet ring intersecting at a first shared link connecting at least a first shared node and a second shared node shared between the first Ethernet ring and the second Ethernet ring, the method comprising a ring- extension process including the second master node joining the first Ethernet ring as a transit node upon determination of a fault in the first shared link, and the second master node sending a RING EXTEND message to notify the second transit node to join the first Ethernet ring as a transit node of the first Ethernet ring.

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