

Title (en)
MESHED WIRELESS NETWORKS

Title (de)
VERMASCHTE DRAHTLOSE NETZE

Title (fr)
RESEAUX MAILLES HERTZIENS

Publication
EP 1055341 A1 20001129 (EN)

Application
EP 98962652 A 19981231

Priority
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• IL 12285298 A 19980105

Abstract (en)
[origin: WO9935868A1] Survivable wireless network, such as a ring network, that comprises a main Hub (10) with an array of transmitters and an array of receivers, a plurality of Sites (12-15), each Site comprising a transmitter and a receiver and at least two communication paths (16-22) for transmission of information between the main Hub and each Site. Several communication paths are working paths (16-19) and other communication paths function as protection paths (20-22), with switching means for switching from one communication path to another. Each communication path comprises at least one two-way wireless link. The network further comprises working links (16-19) between the Hub (10) and at least two of the Sites (12-15) and protection links (20-22) connecting a number of the Sites to one another. The means for switching traffic from one another of the communication paths comprise means for switching traffic from a path defined by a working link to a path defined by the combination of another working link with at least one protection link, or defined by a plurality of protection links, or from a path defined by the combination of a working link with at least one protection link to a path defined by another such combination, or defined by a plurality of protection links.

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