

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
• IL 9800636 W 19981231
• 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.

IPC 1-7
H04Q 7/36; H04L 12/28

IPC 8 full level
H04L 12/28 (2006.01)

CPC (source: EP)
H04L 45/22 (2013.01); **H04L 45/28** (2013.01); **H04W 84/18** (2013.01); **H04L 12/40182** (2013.01); **H04L 12/42** (2013.01); **H04L 12/427** (2013.01)

Citation (search report)
See references of WO 9935868A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9935868 A1 19990715; AU 1780399 A 19990726; EP 1055341 A1 20001129; IL 122852 A0 19990312; IL 122852 A 20011031; NO 20003421 D0 20000630; NO 20003421 L 20000828

DOCDB simple family (application)
IL 9800636 W 19981231; AU 1780399 A 19981231; EP 98962652 A 19981231; IL 12285298 A 19980105; NO 20003421 A 20000630