

Title (en)  
WDM RING NETWORK

Title (de)  
WDM RINGNETZ

Title (fr)  
RESEAU EN ANNEAU A MULTIFLEXAGE EN LONGUEUR D'ONDE

Publication  
**EP 1110343 A1 20010627 (DE)**

Application  
**EP 99952300 A 19990804**

Priority  
• DE 9902442 W 19990804  
• DE 19839609 A 19980831

Abstract (en)  
[origin: WO0013361A1] The invention relates to a ring network subdivided into a first and a second part, wherein working signals are fed to the first and the second part of the ring network from a central network element. Protection signals are transmitted in the direction of the working signals to the network elements of the other part of the ring as far as the network elements that close the parts of the ring. The protection signals are then transmitted in the direction opposite the working signals in the corresponding part of the ring in the direction of the central network element. -

IPC 1-7  
**H04J 14/02**

IPC 8 full level  
**H04B 10/27** (2013.01); **H04B 10/035** (2013.01); **H04B 10/07** (2013.01); **H04B 10/275** (2013.01); **H04B 10/29** (2013.01); **H04J 14/00** (2006.01); **H04J 14/02** (2006.01); **H04L 12/42** (2006.01); **H04Q 11/04** (2006.01)

CPC (source: EP US)  
**H04J 14/0283** (2013.01 - EP US); **H04J 14/0293** (2013.01 - EP US); **H04J 14/0295** (2013.01 - EP US); **H04J 2203/006** (2013.01 - EP US)

Citation (search report)  
See references of WO 0013361A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 0013361 A1 20000309**; AU 6461799 A 20000321; BR 9913649 A 20010605; CN 1315093 A 20010926; EP 1110343 A1 20010627; JP 2002524916 A 20020806; US 6920508 B1 20050719

DOCDB simple family (application)  
**DE 9902442 W 19990804**; AU 6461799 A 19990804; BR 9913649 A 19990804; CN 99810048 A 19990804; EP 99952300 A 19990804; JP 2000568214 A 19990804; US 78606201 A 20010228