

Title (en)
OPTICAL NETWORK WITH DISTRIBUTED SIGNAL REGENERATION

Title (de)
OPTISCHES NETZWERK MIT VERTEILTER SIGNALREGENERATION

Title (fr)
RESEAU OPTIQUE A REGENERATION DE SIGNAUX REPARTIE

Publication
EP 1371155 A2 20031217 (DE)

Application
EP 02721979 A 20020225

Priority
• DE 0200682 W 20020225
• DE 10113563 A 20010320

Abstract (en)
[origin: WO02075970A2] The invention relates to a method and to a device (10a) for the regeneration of optical signals, comprising one or more devices (1a, 1b, 1c) that are capable of regenerating various optical signals (DB3, DB4, DC1, DC2, DC3, DC4) received by the device (10a). The invention is characterized in that the device comprises a system (12) for determining the quality of the received optical signals (DB3, DB4, DC1, DC2, DC3, DC4) and the signal regeneration devices (1a, 1b, 1c) regenerate only those signals (DC1, DB4) for which the quality detection system (12) has detected a poor signal quality.

IPC 1-7
H04B 10/08

IPC 8 full level
G02B 1/00 (2006.01); **H04B 10/00** (2013.01); **H04B 10/02** (2006.01); **H04B 10/079** (2013.01); **H04B 10/08** (2006.01); **H04B 10/29** (2013.01)

CPC (source: EP US)
H04B 10/0793 (2013.01 - EP US); **H04B 10/07953** (2013.01 - EP US); **H04B 10/0797** (2013.01 - EP US)

Citation (search report)
See references of WO 02075970A2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 02075970 A2 20020926; WO 02075970 A3 20030508; CN 1636337 A 20050706; DE 10113563 A1 20021002; DE 10113563 B4 20070301; EP 1371155 A2 20031217; RU 2003130743 A 20050227; RU 2294598 C2 20070227; US 2004086224 A1 20040506

DOCDB simple family (application)
DE 0200682 W 20020225; CN 02806812 A 20020225; DE 10113563 A 20010320; EP 02721979 A 20020225; RU 2003130743 A 20020225; US 47274603 A 20030923