

Title (en)

DEVICE FOR TRANSFERRING OPTICAL SIGNALS WITH REPLACEMENT CIRCUIT FUNCTION

Title (de)

ANORDNUNG ZUR ÜBERTRAGUNG OPTISCHER SIGNALE MIT ERSATZSCHALTUNGSWIRKUNG

Title (fr)

DISPOSITIF POUR LE TRANSFERT DE SIGNAUX OPTIQUES AVEC FONCTION DE CIRCUIT DE REMPLACEMENT

Publication

EP 1002384 A1 20000524 (DE)

Application

EP 98925393 A 19980314

Priority

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- DE 19734311 A 19970808

Abstract (en)

[origin: DE19734311A1] The invention concerns a device for transferring optical signals, comprising a transmission channel mounted between at least one transmitter and at least one receiver, said transmission channel including a main transmission line and a replacement transmission line which, in case the main transmission line breaks down, automatically takes over the transmission of the optical signals, and said optical signals being simultaneously injected into the main transmission line and the replacement transmission line. The invention is characterised in that the main transmission line (16) and the replacement transmission line (18) are so designed that an injected optical signal, when it is transmitted through the main transmission line (16) reaches the receiver at a definitely higher level than when it is transmitted through the replacement transmission line (18), a take-over of the optical signal at receiver level (14) being controlled by an automatic level-adjusting device (28) of the receiver (14).

IPC 1-7

H04B 10/12

IPC 8 full level

H04B 10/00 (2006.01); **H04B 10/032** (2013.01)

CPC (source: EP)

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