Title (en)

METHOD FOR EQUALIZATION IN AN ACCESS NETWORK OF PASSIVE OPTICAL NETWORK TYPE, COMPUTER PROGRAM PRODUCT, OPTICAL LINE TERMINATION AND OPTICAL NETWORK UNIT CORRESPONDING THERETO

Title (de)

ENTZERRUNGSVERFAHREN IN EINEM ZUGANGSNETZWERK VOM PASSIVEN OPTISCHEN NETZWERKTYP, COMPUTERPROGRAMMPRODUKT, OPTISCHER LEITUNGSABSCHLUSS UND ENTSPRECHENDE OPTISCHE NETZWERKEINHEIT

Title (fr)

PROCÉDÉ D'ÉGALISATION DANS UN RESEAU D'ACCÈS DE TYPE RESEAU OPTIQUE PASSIF, PRODUIT PROGRAMME D'ORDINATEUR, TERMINAISON DE LIGNE OPTIQUE ET UNITÉ DE RÉSEAU OPTIQUE CORRESPONDANTS

Publication

EP 4233209 A1 20230830 (FR)

Application

EP 21810668 A 20211025

Priority

• FR 2010960 A 20201026
• FR 2021051867 W 20211025

Abstract (en)

[origin: WO2022090657A1] A method for equalization in an access network of passive optical network type, comprising the following steps for a given optical distribution network (ODN) connecting a given input port of an optical line termination (OLT) to a given plurality of optical network units (ONUs): for at least one of the optical network units of the given plurality, obtaining a distance between the optical line termination and the optical network unit; determining a representative distance associated with the given optical distribution network, according to the one or more distances obtained; determining at least one equalization parameter, according to the representative distance; and equalizing transmission channels within the given optical distribution network, according to the at least one equalization parameter, each of the transmission channels connecting the given port of the optical line termination to one of the optical network units of the given plurality.

IPC 8 full level

H04B 10/2507 (2013.01); **H04J 14/02** (2006.01)

CPC (source: EP US)

H04B 10/25073 (2013.01 - EP US); **H04J 14/0227** (2013.01 - EP); **H04J 14/0275** (2013.01 - EP US)

Citation (search report)

See references of WO 2022090657A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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