

Title (en)
PROVIDING DIGITAL DATA SERVICES IN OPTICAL FIBER -BASED DISTRIBUTED RADIO FREQUENCY (RF) COMMUNICATIONS SYSTEM

Title (de)
BEREITSTELLUNG EINES DIGITALEN DATENDIENSTES IN EINEM GLASFASERBASIERTEN VERTEILTEN
FUNKFREQUENZKOMMUNIKATIONSSYSTEM

Title (fr)
FOURNITURE DE SERVICES DE DONNÉES NUMÉRIQUES DANS UN SYSTÈME DE COMMUNICATIONS RADIOFRÉQUENCE (RF)
DISTRIBUÉ À BASE DE FIBRES OPTIQUES

Publication
EP 2567592 A1 20130313 (EN)

Application
EP 11721160 A 20110502

Priority
• US 39317710 P 20101014
• US 89242410 A 20100928
• US 33038610 P 20100502
• US 2011034738 W 20110502

Abstract (en)
[origin: WO2011139942A1] Optical fiber-based distributed communications systems that provide and support both RF communication services and digital data services are disclosed herein. The RF communication services and digital data services can be distributed over optical fiber to client devices, such as remote antenna units for example. In certain embodiments, digital data services can be distributed over optical fiber separate from optical fiber distributing RF communication services. In other embodiments, digital data services can be distributed over common optical fiber with RF communication services. For example, digital data services can be distributed over common optical fiber with RF communication services at different wavelengths through wavelength-division multiplexing (WDM) and/or at different frequencies through frequency-division multiplexing (FDM). Power distributed in the optical fiber-based distributed communications system to provide power to remote antenna units can also be accessed to provide power to digital data service components.

IPC 8 full level
H04W 88/08 (2009.01)

CPC (source: CN EP)
H04B 10/25753 (2013.01 - CN); **H04J 14/02** (2013.01 - CN); **H04J 14/0282** (2013.01 - CN); **H04J 14/0298** (2013.01 - CN);
H04W 88/085 (2013.01 - CN EP)

Citation (search report)
See references of WO 2011139942A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2011139942 A1 20111110; CN 102918924 A 20130206; CN 102918924 B 20160120; CN 105577282 A 20160511;
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