

Title (en)

METHOD AND SYSTEM FOR FREQUENCY SPECTRUM RESOURCE ALLOCATION

Title (de)

VERFAHREN UND SYSTEM ZUR SPEKTRUM FREQUENZRESSOURCENZUTEILUNG

Title (fr)

PROCEDE ET SYSTEME PERMETTANT L'ALLOCATION DE RESSOURCE DE SPECTRE DE FREQUENCES

Publication

**EP 1219130 A1 20020703 (EN)**

Application

**EP 00957771 A 20000824**

Priority

- US 0023250 W 20000824
- US 15128299 P 19990827
- US 40764599 A 19990928

Abstract (en)

[origin: WO0117311A1] A system and method for allocating one or more portions of the frequency spectrum among a plurality of radio frequency (RF) transmitters and/or receivers. The system comprises a hub station that dynamically allocates the frequency spectrum in response to demand of the plurality of RF transmitters and/or receivers. Based on the demand, the hub station analyzes the state of performance of one or more groups of RF transmitters and/or receivers, and optimizes utilization of the assigned frequency spectrum.

IPC 1-7

**H04Q 7/38**

IPC 8 full level

**H04J 1/06** (2006.01); **H03J 7/06** (2006.01); **H04B 7/185** (2006.01); **H04B 7/26** (2006.01); **H04J 3/00** (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 27/22** (2006.01); **H04L 29/06** (2006.01); **H04N 7/24** (2011.01); **H04W 72/04** (2009.01); **H04W 24/00** (2009.01); **H04W 28/06** (2009.01)

CPC (source: EP)

**H03J 7/065** (2013.01); **H04B 7/18582** (2013.01); **H04L 27/22** (2013.01); **H04L 69/161** (2013.01); **H04L 69/163** (2013.01); **H04L 69/166** (2013.01); **H04L 69/168** (2013.01); **H04N 21/235** (2013.01); **H04N 21/23614** (2013.01); **H04N 21/2385** (2013.01); **H04N 21/4348** (2013.01); **H04N 21/435** (2013.01); **H04N 21/4381** (2013.01); **H04N 21/6143** (2013.01); **H04N 21/64322** (2013.01); **H04W 72/0453** (2013.01); **H04L 7/0029** (2013.01); **H04L 69/16** (2013.01); **H04W 4/06** (2013.01); **H04W 24/00** (2013.01); **H04W 28/18** (2013.01)

Citation (search report)

See references of WO 0117311A1

Citation (examination)

- US 5548809 A 19960820 - LEMSON PAUL H [US]
- US 5818830 A 19981006 - DAANE JOHN [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0117311 A1 20010308**; AU 6934000 A 20010326; CA 2386744 A1 20010308; CN 1385048 A 20021211; EP 1219130 A1 20020703; JP 2003508992 A 20030304; KR 20020043566 A 20020610; MX PA02002055 A 20020918

DOCDB simple family (application)

**US 0023250 W 20000824**; AU 6934000 A 20000824; CA 2386744 A 20000824; CN 00814976 A 20000824; EP 00957771 A 20000824; JP 2001521120 A 20000824; KR 20027002530 A 20020226; MX PA02002055 A 20000824