

Title (en)

Measuring method for single frequency network and apparatus therefor

Title (de)

Messverfahren für Einfrequenznetze und dafür geeignete Vorrichtungen

Title (fr)

Procédé de mesure pour réseaux monofréquence et dispositif afférent

Publication

**EP 1063799 B1 20030813 (DE)**

Application

**EP 99810552 A 19990622**

Priority

EP 99810552 A 19990622

Abstract (en)

[origin: EP1063799A1] From each demodulated signal, a channel impulse response (53) is determined. The succession in time, and amplitude of the first synchronization signals received (72, sync) are determined by comparison with a first reference synchronization signal. Amplitude peaks of the determined channel impulse response (53) are allocated to a first transmitter (S1, S2, S3). Each DAB (digital audio broadcasting) packet contains two synchronization signals. The second (71, null) with different transmitter identification, is compared in a similar process, determining second synchronization signals with the greatest agreement from a range of these signals, and attributing amplitude peaks to them. An Independent claim is included for corresponding measurement equipment.

IPC 1-7

**H04H 3/00**; H04H 1/00

IPC 8 full level

**H04H 20/67** (2008.01)

CPC (source: EP)

**H04H 20/12** (2013.01); **H04H 20/18** (2013.01); **H04H 20/67** (2013.01); **H04H 2201/20** (2013.01)

Cited by

EP1748587A3; AU2004305621B2; FR2891427A1; EP2178229A1; FR2937202A1; EP1901454A3; CN104796791A; FR2927756A1; EP2093910A3; US8565136B2; US7668245B2; WO2005050882A1; WO2005029736A3; WO2007036485A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 1063799 A1 20001227**; **EP 1063799 B1 20030813**; AT E247348 T1 20030815; DE 59906593 D1 20030918

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