

Title (en)  
Method of operating a wireless audio system with dynamic channel assignment

Title (de)  
Verfahren zum Betreiben eines drahtlosen Audiosystems mit dynamischer Kanalwahl

Title (fr)  
Procédé d'utilisation d'une système audio sans fil avec allocation dynamique de canaux

Publication  
**EP 1282336 A3 20050105 (DE)**

Application  
**EP 02016679 A 20020726**

Priority  
DE 10137404 A 20010731

Abstract (en)  
[origin: DE10137404A1] The method involves testing the transmission quality of individual transmission channels of the radio path for each receiving unit by successively measuring the frequency-specific reception field strength in frequency steps that are small relative to the bandwidth of an individual transmission channel. Each reception field strength is transmitted to a central unit (1,2). A representation of a transmission channel indicating the band occupancy is determined for each audio reception station at the central unit by evaluating the field strengths. For each receiving unit, frequencies are determined at which the reception field strength is least subject to interference.

IPC 1-7  
**H04R 5/02**; H04B 5/00

IPC 8 full level  
**G08C 17/02** (2006.01); **H04R 5/00** (2006.01)

CPC (source: EP)  
**G08C 17/02** (2013.01); **H04R 5/00** (2013.01)

Citation (search report)  
• [Y] US 5568480 A 19961022 - MUELLER WERNER [DE]  
• [Y] US 5963848 A 19991005 - D AVELLO ROBERT FAUST [US]  
• [Y] EP 1075157 A1 20010207 - NIPPON TELEGRAPH & TELEPHONE [JP]  
• [Y] EP 0866628 A2 19980923 - AT & T CORP [US]

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EP2992704A4; US9992734B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**DE 10137404 A1 20020103**; **DE 10137404 C2 20030925**; DE 50209216 D1 20070222; EP 1282336 A2 20030205; EP 1282336 A3 20050105; EP 1282336 B1 20070110

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