Title (en)
: WIRELESS AUDIO SIGNAL TRANSMISSION METHOD FOR A THREE-DIMENSIONAL SOUND SYSTEM

Title (de)
: DRAHTLOSES AUDIOSIGNALÜBERTRAGUNGSVERFAHREN FÜR EIN RAUMKLANGSYSTEM

Title (fr)
: PROCEDE DE TRANSMISSION DE SIGNAUX AUDIO SANS FIL POUR UN SYSTEME AUDIO SPATIAL

Publication
: **EP 1520362 A1 20050406 (DE)**

Application
: **EP 03740365 A 20030627**

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Abstract (en)
: [origin: WO2004004178A1] A wireless audio signal transmission method for transmitting audio signals between a transmitter device (S40) and a spatially adjacent receiver device (E50) which is associated with an audio signal reproduction device (LB) included in a three-dimensional sound system. Prior to transmission, the audio signals are digitized in the transmitter device (S40), compressed and transmitted as data packets (FD) by means of a high-frequency transmission method whereby symbols (A,B,C,D) are allocated to the individual data on a quadrature signal plane. A transmitter diversity operation occurs between the transmitter device (S40) and the receiver device (E50). The transmitter device (S40) comprises two separate high-frequence transmitters (S4, S5) with quadrature conversion, which are respectively connected to an associated transmission antenna (AS1, AS2). In the receiver, each audio signal reproduction device is, however, provided with only a single receiver device (E50) with a receiving antenna (EA) and a high-frequency receiver (ES). Differentiation of the two high-frequency received data flows (D1, D2), containing the individual signals in coded form, is carried out in a decoder device (CE).

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: **H04H 5/00**

IPC 8 full level
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