

Title (en)

PROCESS FOR SIMULTANEOUSLY TRANSMITTING AUDIO SIGNALS FROM N-SIGNAL SOURCES

Title (de)

VERFAHREN ZUR GLEICHZEITIGEN ÜBERTRAGUNG VON AUDIO-SIGNALEN AUS N-SIGNALQUELLEN

Title (fr)

PROCEDE DE TRANSMISSION SIMULTANEE DE SIGNAUX AUDIO EN PROVENANCE DE N SOURCES DE SIGNAUX

Publication

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Application

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Abstract (en)

[origin: WO9309645A1] A process is disclosed for simultaneously transmitting signals from N-signal sources over a corresponding number of transmission channels. The individual signals are subdivided into blocks and the blocks are converted into spectral coefficients by transformation or filtering, and the latter are then subjected to a data reduction process. The invention is characterized in that the blocks belonging to the individual signals are subdivided into section. The momentary sections of all signals are processed together, the admissible disturbance is determined for each section by using a perception-specific model and the momentarily required total transmission capacity is calculated. The allocation of the maximum available transmission capacity for each individual signal is calculated from the total available transmission capacity and the total momentarily required transmission capacity. Each individual signal is coded and transmitted with the thus determined capacity.

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