Title (en)

METHOD FOR TRANSMITTING AUDIO SIGNALS ACCORDING TO THE PRIORITIZING PIXEL TRANSMISSION METHOD

Title (de)

VERFAHREN ZUR ÜBERTRAGUNG VON AUDIOSIGNALEN NACH DEM VERFAHREN DER PRIORISIERENDEN PIXELÜBERTRAGUNG

Title (fr)

PROCEDE DE TRANSMISSION DE SIGNAUX AUDIO D'APRES LE PROCEDE DE TRANSMISSION DE PIXELS PAR ORDRE DE PRIORITE

Publication

EP 1579426 B1 20100106 (DE)

Application

EP 03762456 A 20030707

Priority

- DE 0302258 W 20030707
- DE 10230809 A 20020708

Abstract (en)

[origin: US7603270B2] A method for the transmission of audio signals between a transmitter and at least one receiver operates according to the prioritizing pixel transmission method. The audio signal is first broken down into a number of spectral fractions. The broken-down audio signal is stored in a two-dimensional array with a plurality of fields. The dimensions to be registered in the field are frequency and time; the value to be registered in the field is amplitude. Groups are then formed from the individual fields and a priority is assigned to the individual groups, in which the priority will be gauged as higher if the amplitudes of the group values are higher, and/or if the amplitude differences of the values of one group are higher, and/or if the groups are closer to actual time. Finally, the groups are transmitted to the receiver according to the order of their established priority.

IPC 8 full level

G10L 19/022 (2013.01); **H04L 29/06** (2006.01)

CPC (source: EP US)

G10L 19/022 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004006224 A1 20040115; AT E454695 T1 20100115; AU 2003250775 A1 20040123; CN 1323385 C 20070627; CN 1666255 A 20050907; CY 1109952 T1 20140910; DE 10230809 A1 20040129; DE 10230809 B4 20080911; DE 50312330 D1 20100225; DK 1579426 T3 20100517; EP 1579426 A1 20050928; EP 1579426 B1 20100106; ES 2339237 T3 20100518; HK 1081714 A1 20060519; JP 2005532580 A 20051027; JP 4637577 B2 20110223; PL 207103 B1 20101130; PL 374146 A1 20051003; PT 1579426 E 20100408; RU 2005102935 A 20051027; RU 2322706 C2 20080420; SI 1579426 T1 20100531; US 2006015346 A1 20060119; US 7603270 B2 20091013

DOCDB simple family (application)

DE 0302258 W 20030707; AT 03762456 T 20030707; AU 2003250775 A 20030707; CN 03816087 A 20030707; CY 101100315 T 20100406; DE 10230809 A 20020708; DE 50312330 T 20030707; DK 03762456 T 20030707; EP 03762456 A 20030707; ES 03762456 T 20030707; HK 06101585 A 20060207; JP 2004518444 A 20030707; PL 37414603 A 20030707; PT 03762456 T 20030707; RU 2005102935 A 20030707; SI 200331788 T 20030707; US 52000005 A 20050805