

Title (en)
METHOD AND SYSTEM OF BROADCASTING A 360° AUDIO SIGNAL

Title (de)
VERFAHREN UND SYSTEM ZUM SENDEN EINES 360°-AUDIOSIGNALS

Title (fr)
PROCÉDÉ ET SYSTÈME DE DIFFUSION D'UN SIGNAL AUDIO À 360°

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Abstract (en)
[origin: WO2017187053A1] This invention relates to a method of processing a sound signal that comprises the following steps: ·Synchronous reception of an input sound signal (Sinput) by means of N microphones, N being a natural number greater than or equal to three; ·Encoding of the said input sound signal (Sinput) in a data format (D) of sound, said encoding comprising a sub-step of transforming the input signal into an ambisonic format of order R, R being a natural number greater than or equal to one; the said sub-step of transformation into an ambisonic format is carried out by means of a Fast Fourier Transform, a matrix multiplication, an Inverse Fast Fourier Transform and by means of a band pass filter; and ·Return of an output sound signal (Soutput) by means of digital processing of the sound data (D). This invention also relates to a system of processing a sound signal.

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