

Generation of Decorrelated Signals

Abstract

5

In a case of transient audio input signals, in a multi-channel audio reconstruction, uncorrelated output signals are generated from an audio input signal in that the audio input signal is mixed with a representation of the audio
10 input signal delayed by a delay time such that, in a first time interval, a first output signal corresponds to the audio input signal, and a second output signal corresponds to the delayed representation of the audio input signal, wherein, in a second time interval, the first output signal
15 corresponds to the delayed representation of the audio input signal, and the second output signal corresponds to the audio input signal.

20

Fig. 2