

Title (en)
MULTICHANNEL AUDIO STREAM COMPRESSION

Title (de)
MEHRKANAL-AUDIOSTROMKOMPRIMIERUNG

Title (fr)
COMPRESSION DE FLUX AUDIO MULTICANAL

Publication
EP 2539892 B1 20140402 (FR)

Application
EP 11708920 A 20110210

Priority
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Abstract (en)
[origin: WO2011104463A1] The invention relates to compressing an audio stream, including a plurality of signals, describing a sound scene produced by a plurality of sources in a space, by: identifying the sources from an audio stream; determining a frequency band, energy level and spatial position in the space for each of the identified sources; determining, for each identified source, a spatial resolution corresponding to the smallest difference in position of said source in the space which a listener is capable of perceiving, on the basis of: the frequency band, the energy level, and the spatial position of said source; and, on the frequency band, energy level, and spatial position of at least one subset of the other identified sources; generating a compressed stream comprising the information required to restore each identified source with at least the same corresponding spatial resolution.

IPC 8 full level
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Cited by
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