

Title (en)  
MULTICHANNEL AUDIO STREAM COMPRESSION

Title (de)  
MEHRKANAL-AUDIOSTROMKOMPRIMIERUNG

Title (fr)  
COMPRESSION DE FLUX AUDIO MULTICANAL

Publication  
**EP 2539892 A1 20130102 (FR)**

Application  
**EP 11708920 A 20110210**

Priority  
• FR 1051420 A 20100226  
• FR 2011050282 W 20110210

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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CPC (source: EP US)  
**G10L 19/008** (2013.01 - EP US); **G10L 19/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011104463A1

Cited by  
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DOCDB simple family (publication)  
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