

Title (en)
LOW-COMPLEXITY AUDIO MATRIX DECODER

Title (de)
AUDIOMATRIX-DECODER MIT VERRINGERTER KOMPLEXITÄT

Title (fr)
DECODEUR AUDIO MATRICIEL DE FAIBLE COMPLEXITE

Publication
EP 1964443 A2 20080903 (EN)

Application
EP 06837740 A 20061116

Priority
• US 2006044447 W 20061116
• US 74156705 P 20051202

Abstract (en)
[origin: WO2007067320A2] Deriving n audio output signals from m audio input signals, where m and n are positive whole integers and the n audio output signals are derived using an adaptive matrix or matrixing process responsive to one or more control signals, which matrix or matrixing process produces n audio signals in response to m audio signals, and (b) deriving a plurality of time- varying control signals from the m audio input signals, wherein the control signals are derived from the m input audio signals using (i) a processor or process that produces a plurality of directional dominance signals in response to the m audio input signals, at least one directional dominance signal relating to a first directional axis and at least one other directional dominance signal relating to a second directional axis, and (iĖ) a processor or process that produces the control signals in response to the directional dominance signals.

IPC 8 full level
H04S 3/02 (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2007067320A2

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DE FR GB

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