

Title (en)

IMPROVED AMBISONIC ENCODER FOR A SOUND SOURCE HAVING A PLURALITY OF REFLECTIONS

Title (de)

VERBESSERTER AMBISONIC-CODIERER FÜR EINE TONQUELLE MIT MEHREREN REFLEXIONEN

Title (fr)

ENCODEUR AMBISONIQUE AMELIORE D'UNE SOURCE SONORE A PLURALITE DE REFLEXIONS

Publication

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Application

EP 16808645 A 20161208

Priority

- FR 1650062 A 20160105
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Abstract (en)

[origin: WO2017118519A1] The present invention relates to an ambisonic encoder for a sound wave having a plurality of reflections. The claimed ambisonic encoder improves the sensation of immersion in a 3-D audio scene. The complexity of encoding of reflections of sound sources for an ambisonic encoder according to the invention is less than the complexity of encoding of the reflections of sound sources of an ambisonic encoder according to the prior art. The claimed ambisonic encoder can encode a greater number of reflections of a sound source in real time. The claimed ambisonic encoder can reduce the power consumption related to ambisonic encoding, and can increase the life of a battery of a mobile device used for said application.

IPC 8 full level

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CPC (source: EP US)

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