Title (en)

Device and method for delivering data in a multi-renderer system

Title (de)

Vorrichtung und Verfahren zum Liefern von Daten in einem Multi-Renderer-System

Title (fr)

Dispositif et procédé pour fournir des données dans un système a dispositifs de rendu multiples

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006089682A1] The invention relates to a device for delivering data for electromagnetic field synthesis treatment in an electromagnetic field synthesis system containing a plurality of renderer modules, at least one loudspeaker being associated with each renderer module, and the loudspeakers assigned to the renderer modules being applicable to different positions in a reproduction region. The inventive device comprises a system (22) for delivering a plurality of audio files, a virtual source being associated with an audio file on a source position. The inventive device also comprises a data output device (24) for delivering the audio files to a renderer with which an active loudspeaker is associated, while the data output device (24) is also embodied in such a way as to not deliver the audio files to a renderer, when all the loudspeakers associated with the renderer do not need to be active for the reproduction of the source. In this way, unnecessary data transmissions in the electromagnetic field synthesis system are avoided, the maximum renderer capacity being simultaneously exploited in a multi-renderer system in an optimum manner.

IPC 8 full level

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