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(54) Title: APPARATUS, METHOD OR COMPUTER PROGRAM FOR SYNTHESIZING A SPATIALLY EXTENDED SOUND SOURCE USING MODIFICATION DATA ON A POTENTIALLY MODIFYING OBJECT

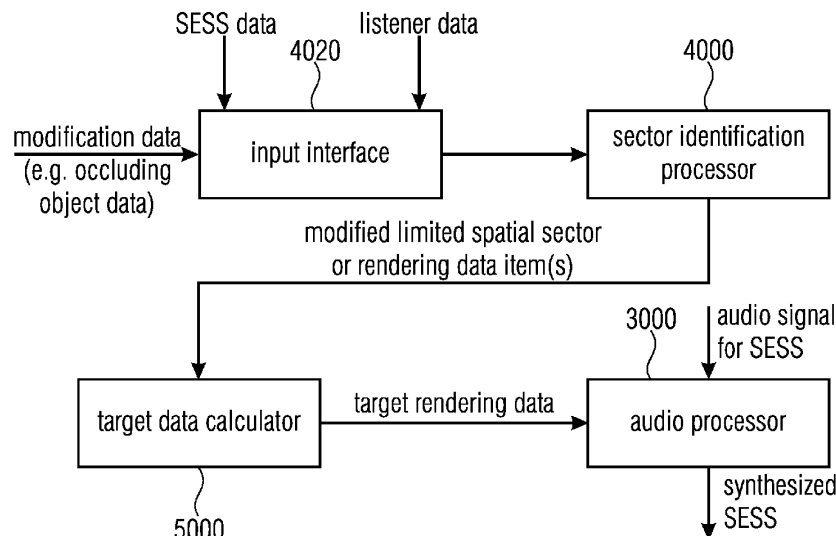


Fig. 2a
(SECOND ASPECT)

(57) Abstract: An apparatus for synthesizing a spatially extended sound source, comprises: an input interface (4020) for receiving a description of an audio scene, the description of the audio scene comprising spatially extended sound source data on the spatially extended sound source and modification data on a potentially modifying object (7010), and for receiving a listener data; a sector identification processor (4000) for identifying a limited modified spatial sector for the spatially extended sound source (7000) within a rendering range for the listener, the rendering range for the listener being larger than the limited modified spatial sector, based on the spatially extended sound source data and the listener data and the modification data; a target data calculator (5000) for calculating target rendering data from the one or more rendering data items belonging to the modified limited spatial sector; and an audio processor

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(300, 3000) for processing an audio signal representing the spatially extended sound source using the target rendering data.