

Title (en)

METHOD AND DEVICE FOR THE CONCATENATION OF AUDIOSEGMENTS, TAKING INTO ACCOUNT COARTICULATION

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR KOARTIKULATIONSGERECHTEN KONKATENATION VON AUDIOSEGMENTEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE CONCATENER DES SEGMENTS AUDIO EN TENANT COMPTE DE LA COARTICULATION

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Application

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Abstract (en)

[origin: US7047194B1] The invention provides a method, apparatus, and a computer program stored on a data carrier that generates synthesized acoustical data by concatenating audio segments of sounds to reproduce a sequence of concatenated sounds/phones. The invention has an inventory of sounds and each sound has three bands (FIG. 1 b) including an initial co-articulation band, a solo articulation band and a final co-articulation band. The invention selects audio segments that end or begin with a co-articulation band and a solo articulation band of one sound. The instance of concatenation is defined by the co-articulation band and the solo articulation band of the one sound.

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