

Title (en)

DIGITAL AUDIO CREATION METHOD AND SOUND SYNTHESISING AND/OR RECORDING DEVICES USING SAME

Title (de)

VERFAHREN ZUR AUDIONUMERISCHER SCHÖPFUNG UND DIESES VERFAHREN BENÜTZENDE ANLAGEN ZUR SYNTHETISIERUNG UND/ODER TONAUFNAHME

Title (fr)

PROCEDE DE CREATION AUDIONUMERIQUE ET DISPOSITIFS DE SYNTHESE ET/OU D'ENREGISTREMENT DE SON METTANT EN OEUVRE CE PROCEDE

Publication

**EP 0890166 B1 20030102 (FR)**

Application

**EP 97916489 A 19970325**

Priority

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Abstract (en)

[origin: WO9736285A1] A method for creating a digital sound segment by mixing component digital sound segments, and sound synthesising and/or recording devices using same, are disclosed. The method comprises not only mixing steps (1)+(2)+(3)=(1a), but also demixing steps (1a)-(2)=(1b), which saves computing time as only the difference between the current version and the previous version is calculated during each digital audio creation step. Said sound synthesising and/or recording devices enable an arbitrarily large number of simultaneous sounds to be both played and modified in real time.

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