

Title (en)
Sound effect adding apparatus

Title (de)
Schalleffekt Addiergerät

Title (fr)
Dispositif d'addition pour effet de son

Publication
EP 0989543 A3 20030305 (EN)

Application
EP 99307560 A 19990924

Priority
JP 27224198 A 19980925

Abstract (en)
[origin: EP0989543A2] Impulse response components corresponding to a direct sound, an initially reflected sound, and a reverberation are separated from an original impulse response. A point N1 of which an impulse response component corresponding to a direct sound starts, a point N2 of which impulse response components corresponding to a direct sound and an initially reflected sound end, and a point N3 of which an impulse response component corresponding to a reverberation starts are represented by data associated with impulse response components. After the levels of the impulse response components corresponding to the direct sound and the initially reflected sound are adjusted, these impulse response components are combined with the impulse response corresponding to the reverberation. By performing a convolution calculation process for audio data and combined impulse response, a reverberation is generated and added to an original sound. <IMAGE> <IMAGE> <IMAGE> <IMAGE>

IPC 1-7
G10K 15/08

IPC 8 full level
G10K 15/12 (2006.01); **G10K 15/08** (2006.01)

CPC (source: EP)
G10K 15/08 (2013.01)

Citation (search report)
• [E] EP 0989540 A1 20000329 - SONY CORP [JP]
• [X] US 5544249 A 19960806 - OPITZ MARTIN [AT]
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04 31 March 1998 (1998-03-31) & US 5974152 A 19991026 - FUJINAMI YOSHIHISA [JP]

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0989543 A2 20000329; EP 0989543 A3 20030305; EP 0989543 B1 20061122; AU 5012499 A 20000330; DE 69934069 D1 20070104; DE 69934069 T2 20070621; DK 0989543 T3 20070326; JP 2000099061 A 20000407

DOCDB simple family (application)
EP 99307560 A 19990924; AU 5012499 A 19990924; DE 69934069 T 19990924; DK 99307560 T 19990924; JP 27224198 A 19980925