

Title (en)
REVERBERATION SOUND GENERATING APPARATUS

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EP 0480561 A3 19920930 (EN)

Application
EP 91305535 A 19910619

Priority
JP 27450490 A 19901012

Abstract (en)
[origin: EP0480561A2] A reverberation sound generating apparatus, comprising a plurality of comb filters (11-1n) each having a delay element and a coefficient multiplier, and an adder (2) for adding output signals of the comb filters, wherein the numbers of the samples corresponding to each delay time of the comb filters are mutually prime. With such arrangement, it is possible that the impulse responses of each of the comb filters do not coincide with each other almost at all within the reverberation time. Thus, reverberation sound is not deviated over time and is dispersed uniformly, providing satisfactory reverberation tone quality. <IMAGE>

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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)
• [Y] GB 1001518 A 19650818 - WESTERN ELECTRIC CO
• [A] DE 2719276 A1 19781102 - FRANZ VERTRIEBS GMBH
• [Y] 80TH CONVENTION OF THE AUDIO ENGINEERING SOCIETY, Montreux, 4th - 7th March 1986, pages 1-12; J. SIKORAV: "Implementation of reverberators on digital signal microprocessors"

Cited by
US6147631A; EP0643887A4; US5729613A; USRE39189E; US11805383B2; US6260053B1; US11749252B2; US12100381B2; WO9917277A1; WO9510831A1

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