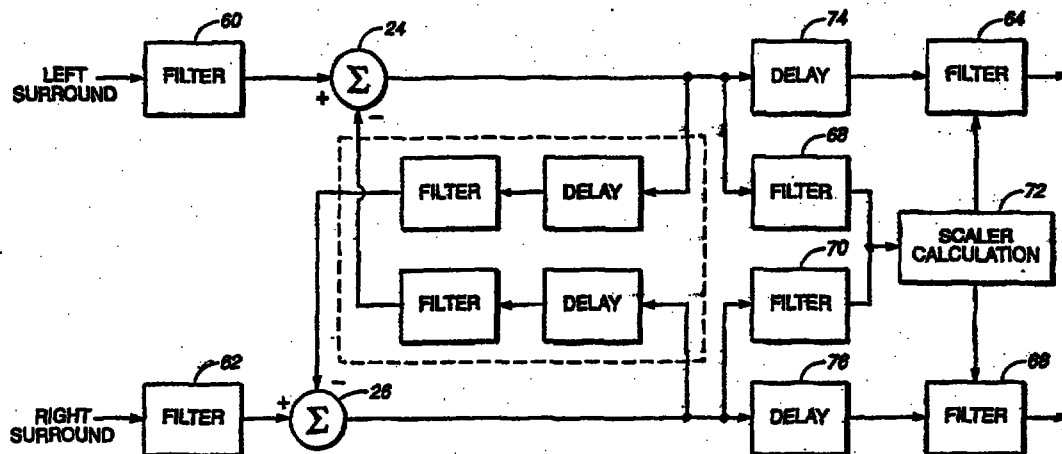




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(54) Title: MULTIDIRECTIONAL AUDIO DECODING



(57) Abstract

An acoustic crossfeed canceller, intended for implementation in software, such that when run in real time on a personal computer, the canceller has very low mips requirements and uses a small fraction of available CPU cycles. Thus, for example, the program could be included with video games, CD-ROMs, Internet audio and the like, rendering surround sound images outside the space between left and right computer multimedia loudspeakers when the audio from such sources is reproduced.