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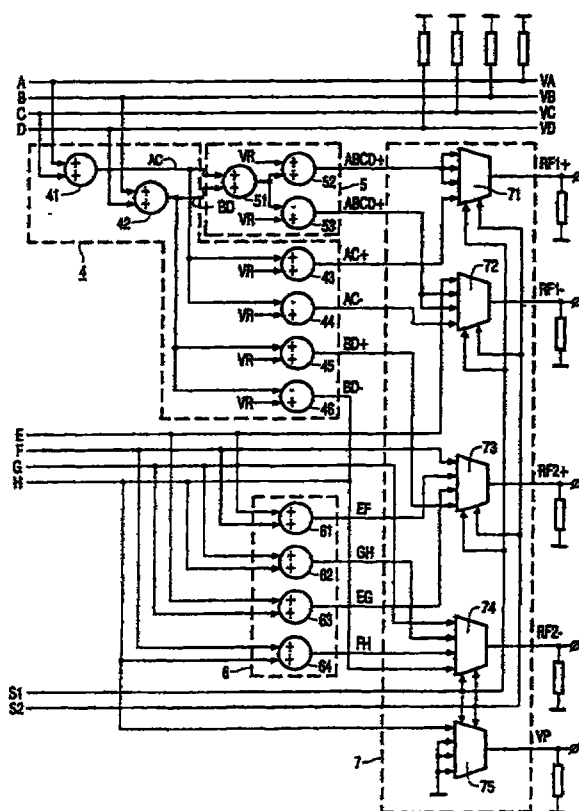
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(54) Title: OPTICAL TRANSDUCER AND RECORDING/PLAYBACK DEVICE COMPRISING THE TRANSDUCER



(57) Abstract: An optical transducer according to the invention comprises optical detection means (1) including a first (1_A), a second (1_B), a third (1_C) and a fourth optical detector (1_D), such that a first imaginary line (2_a) from the third optical detector (1_C) to the first optical detector (1_A) crosses a second imaginary line (2_b) from the second optical detector (1_B) to the fourth optical detector (1_D). The optical detectors generate detection signals (A, B, C, D) in response to an intensity of radiation incident thereon. The optical transducer further comprises signal combination means (4) for generating a first, a second, a third and a second combination signal. The first and the second combination signals (AC+, AC-) are indicative for the sum of the electrical detection signals (A, C) of the first (1_A) and the third optical detector (1_C). The third (BD+) and the fourth combination signal (BD-) each are indicative for the sum of the electrical detection signals (B, D) of the second (1_B) and the fourth optical detector (1_D). The first (AC+) and the second combination signal (AC-) have a mutually opposite phase. The third (BD+) and the fourth combination signal (BD-) also have a mutually opposite phase.

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