

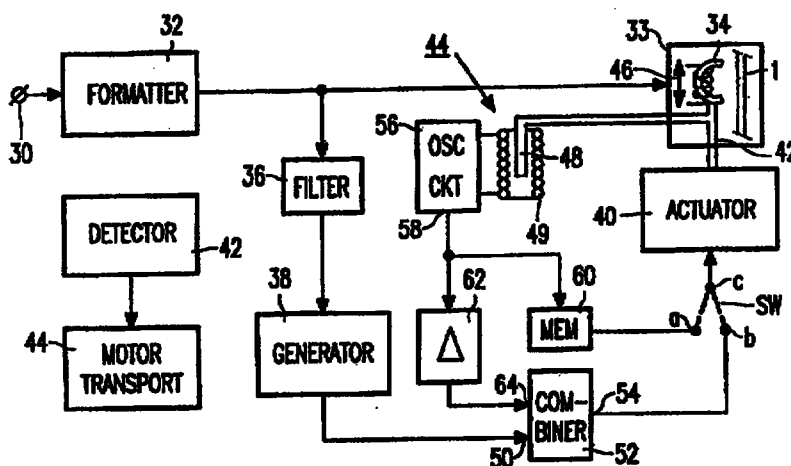
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(54) Title: POSITIONING OF A HEAD RELATIVE TO A PLURALITY OF TRACKS

(57) Abstract

An apparatus is disclosed for positioning a head (34) relative to a plurality of tracks (T_1, T_n) running parallel to each other in their longitudinal direction on a record carrier (1). First and second tracks (T_1, T_2) have first and second tracking signals (S_1, S_2) of specific frequencies recorded in them and third and fourth tracks (T_{n-1}, T_n) have third and fourth tracking signals (S_{n-1}, S_n) of specific frequencies recorded in them. The apparatus comprises a head (34) for reading the tracking signals, control signal generator means (36, 38) for generating a first control signal in response to the first and second tracking signals (S_1, S_2) and for generating a second control signal in response to the third and fourth tracking signals (S_{n-1}, S_n). A positioning unit (40, 42) for moving the



ing unit (40, 42) for moving the head (34) in a direction transverse to said longitudinal direction, has an input for receiving said first and second control signals and for moving the head in response to said first and second control signals, so as to position the head (34) onto a fifth and sixth track (T_5 , T_6) respectively. A position detection unit (48, 49, 56) for detecting the position of the head (34) in said transverse direction, has an output (58) for supplying a first and a second position signal when the head (34) is positioned onto said fifth and sixth track (T_5 , T_6) respectively. In a calibration mode of operation the position of the fifth and sixth tracks are located and the generated first and second position signals are stored in a memory (60).