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(21)Application number : 63-289297 (71)Applicant : MATSUSHITA ELECTRIC IND CO LTD
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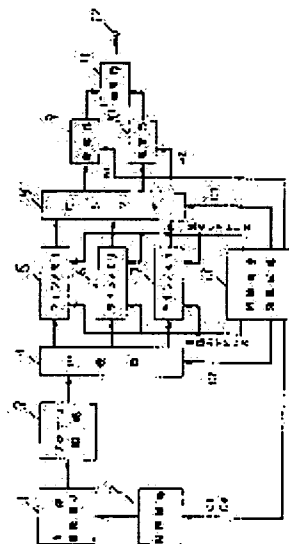
(54) IMAGE PICKUP DEVICE

(57)Abstract:

PURPOSE: To attain the enlargement processing of a picture with less memories by weighting the output signal of a selected line memory, adding it and interpolating a new scanning signal.

CONSTITUTION: A control signal C1 given from a control signal generation circuit 13 controls the vertical scanning of a solid-state image pickup element 1 and expands the picture in a vertical direction. M-number of multipliers 9 and 10 weight the output signals of m-number of line memories 5-7 ($2 \leq m < n$ and (m) is an integer) which a selector 8 select among line memories M1-Mn ($n \geq 3$ and (n) is the integer), and an adder 11 performs addition so as to interpolate the new scanning signal. Thus, the picture can be enlarged and interpolated only by less line memories.

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