Abstract of the Disclosure

An input filter separates a luminance input signal (Y2) into a high frequency component (Y11) that is noise reduced by coring (42) and a low frequency component (Y9) that is noise reduced by a frame recursive filter (30) preceded by sub-sampling (22) and followed by sample rate restoration by interpolation (44). An output circuit (40) combines the noise reduced components to provide a processed output signal (Y10) in which high frequency portions thereof are subjected to coring and low frequency portions thereof are subjected to recursive filtering. In a specific application the frame recursive filter (30) provides a plurality of low frequency sub-sampled components (Y6,Y9,Y18,Y20) which are combined with the processed output signal (Y10) in a further output circuit (50,60) to provide a noise reduced output signal (Y15)of progressive scan form.

This Sheet Has Been Replaced

