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(54) Title: PHOTONIC MATCH FILTER

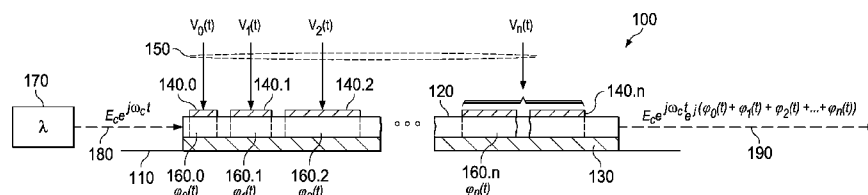


FIG. 1

(57) Abstract: An optical path is configured to propagate an input optical signal. A plurality of electrodes are configured to produce a plurality of discrete phase shifts on the optical signal. An output optical signal is phase-shifted with respect to the input optical signal by a sum of the plurality of discrete phase shifts.