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(71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).

(71) Applicants *(for SE only)*: PHILIPS AB [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE). HEWLETT–PACKARD COMPANY [US/US]; 11413 Chinden Boulevard, Boise, ID 83714 (US).

(72) Inventors: BERGMANS, Johannes, W., M.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). VOORMAN, Johannes, O.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). BRITTENHAM, Steven, L.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

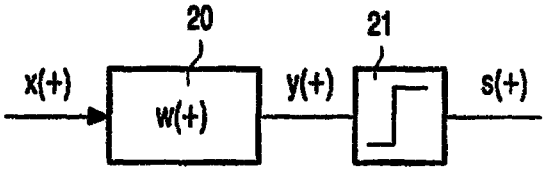
(74) Agent: VAN DER KRUK, Willem, L.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

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(54) Title: DEVICE FOR WRITE COMPENSATION IN MAGNETIC–MEDIA RECORDING

(57) Abstract



Device for write precompensation of data signals to be recorded on a magnetic medium, which device has an input for receiving input data signals and an output for supplying the output signals to be recorded, at least a plurality of the signal transitions in these output data signals being delayed with respect to the corresponding signal transitions in the input data signal, the signal path between the input and the output including a series arrangement of a filter circuit and a hysteresis circuit, which hysteresis circuit receives the output signal of the filter circuit and supplies a binary signal as its output signal. This write precompensation device simply enables allowance to be made for the influence of a large number of preceding symbol values on a transition to be recorded. When the device is combined with a known write compensation device it suffices to use a simple filter.