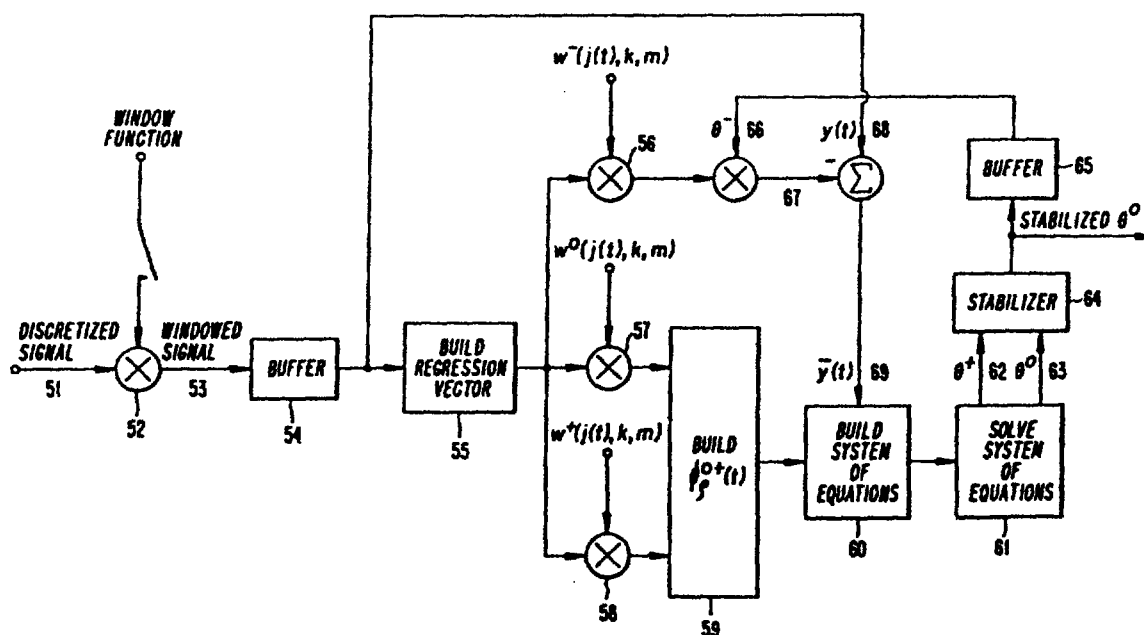


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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : G10L 9/08, 5/00	A1	(11) International Publication Number: WO 94/01860 (43) International Publication Date: 20 January 1994 (20.01.94)
(21) International Application Number: PCT/SE93/00539 (22) International Filing Date: 17 June 1993 (17.06.93) (30) Priority data: 909,012 6 July 1992 (06.07.92) US (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE). (72) Inventor: WIGREN, Karl, Torbjörn ; Salabacksgatan 36, S-754 32 Uppsala (SE). (74) Agents: LÖVGREN, Tage et al.; Telefonaktiebolaget LM Ericsson, S-126 25 Stockholm (SE).		(81) Designated States: AU, BR, CA, FI, JP, KR, NZ, Euro- pean patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> This sheet has been replaced by a new one containing the international search report. This Sheet Has Been Replaced

(54) Title: TIME VARIABLE SPECTRAL ANALYSIS BASED ON INTERPOLATION FOR SPEECH CODING**(57) Abstract**

A time variable spectral analysis for speech coding based upon interpolation between speech frames. A speech signal is modeled by a linear filter which is obtained by a time variable linear predictive coding analysis algorithm. Interpolation between adjacent speech frames is used in order to express a time variation of the speech signal. In addition, interpolation between adjacent frames secures a continuous track of filter parameters across different speech frames.