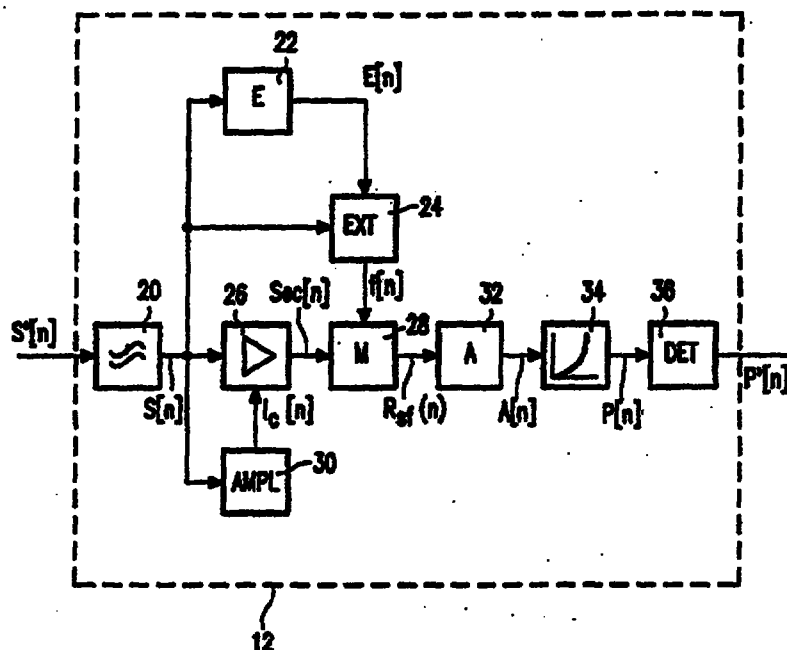


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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G10L 3/00	A2	(11) International Publication Number: /WO 96/36041 (43) International Publication Date: 14 November 1996 (14.11.96)
(21) International Application Number: PCT/IB96/00410 (22) International Filing Date: 7 May 1996 (07.05.96) ✓ (30) Priority Data: 95201199.7 10 May 1995 (10.05.95) ✓ EP (34) Countries for which the regional or international application was filed: NL et al. (71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). ✓ (71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 5, Kista, S-164 85 Stockholm (SE). (72) Inventors: TAORI, Rabesh; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). SLUJTER, Robert, Johannes; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). KATHMANN, Eric; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (74) Agent: DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).	(81) Designated States: CN, JP, <u>SG</u> , European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published Without international search report and to be republished upon receipt of that report.	
(54) Title: TRANSMISSION SYSTEM AND METHOD FOR ENCODING SPEECH WITH IMPROVED PITCH DETECTION		



(57) Abstract

In a transmission system in which a speech coder which includes a pitch detector (12) is used, selecting means (22) selecting a characteristic auxiliary signal portion from the signal to be coded are used for improving the quality of the pitch detection. The pitch is now found by searching in the speech signal for signal portions that correspond to the characteristic auxiliary signal portion and by calculating the time difference between the respective signal portions.

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