

Title (en)
Speech coder

Title (de)
Sprachkodierer

Title (fr)
Codeur de parole

Publication
EP 0694907 A2 19960131 (EN)

Application
EP 95111278 A 19950718

Priority
JP 18790394 A 19940719

Abstract (en)
A long-period prediction circuit (160), which is provided in this speech coder and outputs an optimum delay code of delay codes indicative of a pitch correlation of a speech signal, extracts delay codes by selecting a predetermined section of delay codes and/or while evenly or unevenly thinning out the delay codes, conducts preliminary selection of delay codes through closed-loop search of the extracted delay codes and determines an optimum delay code by executing closed-loop search with respect to the preliminarily selected delay codes. <MATH>

IPC 1-7
G10L 9/14

IPC 8 full level
G10L 19/00 (2006.01); **G10L 19/038** (2013.01); **G10L 19/04** (2013.01); **G10L 19/08** (2013.01); **G10L 19/09** (2013.01)

CPC (source: EP)
G10L 19/08 (2013.01); **G10L 2019/0003** (2013.01); **G10L 2019/0011** (2013.01); **G10L 2019/0013** (2013.01)

Citation (applicant)

- US 5097508 A 19920317 - VALENZUELA STEUDE REINALDO A [US], et al
- JP H0398099 A 19910423 - CODEX CORP
- "Int. Conf. on Acoustics, Speech and Signal Processing", 1985, article M. SCHROEDER, B.A. ATAL: "Code-Exited Liner Prediction: High quality Speech at Very Low Rates", pages: 937 - 940
- "Int. Conf. on Acoustics, Speech and Signal Processing", 1986, article IM. TRANSCO, B.S. ATAL: "Efficient procedures for finding the optimum innovation in stochastic corders", pages: 2375 - 2378

Cited by
AU725922B2; EP1098298A3; USRE43209E; US6804639B1; WO0025302A1; US7047184B1; USRE43190E

Designated contracting state (EPC)
DE FR GB

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