

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

DOCDB simple family (publication)  
**EP 0694907 A2 19960131; EP 0694907 A3 19971015**; CA 2154192 A1 19960120; JP H0830299 A 19960202

DOCDB simple family (application)  
**EP 95111278 A 19950718**; CA 2154192 A 19950719; JP 18790394 A 19940719