Title (en)
Voice coders

Title (de)
Sprachkodierer

Title (fr)
Codeurs de voix

Publication
EP 0689189 A1 19951227 (EN)

Application
EP 95108870 A 19950608

Priority
IT MI941283 A 19940620

Abstract (en)
The invention relates to a method of improving the features of voice encoders based on linear prediction and analysis-by-synthesis techniques making use of an objective function to minimize. This objective function comprises jointly or alternately the free evolution of the objective signal and of the synthetic signal and a weighing with respect to the error between the prediction residue and the synthetic excitation. <IMAGE>

IPC 1-7
G10L 3/00; G10L 9/14; G10L 3/02; G10L 9/18

IPC 8 full level
G10L 19/083 (2013.01); G10L 19/12 (2013.01)

CPC (source: EP)
G10L 19/083 (2013.01); G10L 19/12 (2013.01)

Citation (applicant)
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- "Proc. ICASSP '85 (International Conference on Acoustics, Speech and Signal Processing)", article M.R. SCHROEDER, B.S. ATAL: "Code Excited Linear Prediction (CELP): high-quality speech at very low bit rates", pages: 26 - 29
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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0689189 A1 19951227; EP 0689189 B1 19990922; AU 2175395 A 19960104; AU 698340 B2 19981029; DE 69512323 D1 19991028; DE 69512323 T2 20000706; IT 1271182 B 19970527; IT MI941283 A0 19940620; IT MI941283 A1 19951220

DOCDB simple family (application)
EP 95108870 A 19950608; AU 2175395 A 19950620; DE 69512323 T 19950608; IT MI941283 A 19940620