

Title (en)

DIGITAL SPEECH DECODER HAVING A POSTFILTER WITH REDUCED SPECTRAL DISTORTION.

Title (de)

DIGITALER SPRACHDEKODIERER UNTER VERWENDUNG EINER NACHFILTERUNG MIT EINER REDUZIERTEN SPEKTRALVERZERRUNG.

Title (fr)

DECODEUR DE PAROLE NUMERISEE UTILISANT UN POSTFILTRE A DISTORSION SPECTRALE REDUITE.

Publication

EP 0570362 A4 19930701 (EN)

Application

EP 90913916 A 19900917

Priority

- US 9005190 W 19900917
- US 42292689 A 19891017

Abstract (en)

[origin: WO9106093A1] An adaptive spectral postfilter (108) in a synthesized speech platform has a denominator characteristic that corresponds to a preceding LPC filter stage (106) and a numerator characteristic that is developed as a function of the denominator characteristic through application of spectral smoothing techniques. This allows the numerator to track the denominator without the introduction of spectral distortion that would otherwise affect the processing in an adverse way.

IPC 1-7

G10L 5/00; G10L 9/14

IPC 8 full level

G10L 19/26 (2013.01)

CPC (source: EP)

G10L 19/26 (2013.01)

Citation (search report)

- [A] EP 0294020 A2 19881207 - VOICECRAFT INC [US]
- [XO] ADVANCES IN SPEECH CODING-IEEE WORKSHOP ON SPEECH CODING FOR TELECOMMUNICATIONS 1991, DORDRECHT NL-VANCOUVER CANADA pages 69 - 79 GERSON, JASIUK 'Vector sum excited linear prediction'
- See references of WO 9106093A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9106093 A1 19910502; AT E177867 T1 19990415; AU 635342 B2 19930318; AU 6411490 A 19910516; CN 1051101 A 19910501; CN 1078371 C 20020123; DE 69033011 D1 19990422; DE 69033011 T2 20011004; EP 0570362 A1 19931124; EP 0570362 A4 19930701; EP 0570362 B1 19990317; ES 2131498 T3 19990801; JP 3158434 B2 20010423; JP H05500573 A 19930204

DOCDB simple family (application)

US 9005190 W 19900917; AT 90913916 T 19900917; AU 6411490 A 19900917; CN 90108435 A 19901015; DE 69033011 T 19900917; EP 90913916 A 19900917; ES 90913916 T 19900917; JP 51307390 A 19900917