

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 B1 19990317 (EN)**

Application

**EP 90913916 A 19900917**

Priority

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- 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

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