

Title (en)
Audio signal processing

Title (de)
Audiosignalverarbeitung

Title (fr)
Traitement de signal audio

Publication
EP 0987680 B1 20080716 (EN)

Application
EP 99202980 A 19990913

Priority
• EP 99202980 A 19990913
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Abstract (en)
[origin: EP0987680A1] A speech coder (14) is operable to compress digital data representing speech using a Waveform Interpolation speech coding method. The coding method is carried out on the residual signal from a Linear Predictive Coding stage. On the basis of a series of overlapping frames of the residual signal, a series of respective spectra are found. The evolution of the spectra is filtered in a multi-stage filtering process, the filtered phase data being replaced with the original phase data at the end of each stage. This is found to result in the decoder (28) being better able to approximate the original speech signal. This is of particular utility in relation to mobile telephony. <IMAGE>

IPC 8 full level
G10L 19/097 (2013.01)

CPC (source: EP)
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Cited by
CN100362568C; EP1796083A3; KR100754580B1; KR100752001B1; EP1617416A3; WO0182293A1; US7426466B2; US8660840B2

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