

Title (en)
Method for pre-processing speech

Title (de)
Verfahren zur Vorverarbeitung von Sprache

Title (fr)
Procédé pour le prétraitement de la parole

Publication
EP 1339045 A1 20030827 (EN)

Application
EP 02004143 A 20020225

Priority
EP 02004143 A 20020225

Abstract (en)
A method for pre-processing speech in particular for a method for recognizing speech is suggested in which likelihoods (Lj, LMtotal, L) for occurrences for speech elements (P1, ..., Pm) based on acoustic feature data (AFD) is suggested, wherein before deriving said likelihoods (Lj, LMtotal, L) parts of said acoustic feature data (AFD) being representative for frequency bands (F1, ..., FN) which are assumed to be distorted by an additive and band-limited noise signal (NS) are exchanged by exchange feature data (EFD) so as to generate modified acoustic feature data (MAFD), said exchange feature data (EFD) being representative for undisturbed and/or average speech. <IMAGE>

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G10L 21/02

IPC 8 full level
G10L 19/02 (2013.01); **G10L 21/02** (2013.01); **G10L 21/0208** (2013.01)

CPC (source: EP)
G10L 19/0208 (2013.01); **G10L 21/02** (2013.01); **G10L 21/0208** (2013.01)

Citation (search report)
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Citation (examination)
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