

Title (en)

A modular approach to speech enhancement with an application to speech coding

Title (de)

Modulare Sprachverbesserung mit Anwendung an der Sprachkodierung

Title (fr)

Approche modulaire pour l'amélioration de la qualité de la voix avec application au codage de la parole

Publication

**EP 0929065 A3 19991222 (EN)**

Application

**EP 99100141 A 19990108**

Priority

US 12041298 P 19980109

Abstract (en)

[origin: EP0929065A2] A speech coder separates input digitized speech into component parts on an interval by interval basis. The component parts include gain components, spectrum components and excitation signal components. A set of speech enhancement systems within the speech coder processes the component parts such that each component part has its own individual speech enhancement process. For example, one speech enhancement process can be applied for analyzing the spectrum components and another speech enhancement process can be used for analyzing the excitation signal components. <IMAGE>

IPC 1-7

**G10L 3/02**

IPC 8 full level

**G10L 19/04** (2013.01); **G10L 21/0208** (2013.01)

CPC (source: EP)

**G10L 19/04** (2013.01); **G10L 21/0208** (2013.01)

Citation (search report)

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- [A] EP 0742548 A2 19961113 - MITSUBISHI ELECTRIC CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30) & US 5717724 A 19980210 - YAMAZAKI YASUSHI [JP], et al

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EP3444819A4; US11605394B2; WO2017177782A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0929065 A2 19990714; EP 0929065 A3 19991222**

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