Title (en)

A method for measuring speech masking properties

Title (de)

Verfahren zur Messung von Sprachmaskierungseigenschaften

Title (fr)

Procédé pour mesurer les propriétés de couverture du langage

Publication

EP 0720146 A1 19960703 (EN)

Application

EP 95309003 A 19951212

Priority

US 36737194 A 19941230

Abstract (en)

A method measures the masking properties of subband components of a signal and determines a noise level vector for the signal. In the preferred embodiment, a signal is separated to yield a set of subband signal components. Bandpass noise components are also generated. For each combination of bandpass noise and subband signal component, the value of the noise-to-signal ratio that meets a specified masking criterion is determined. The values from the combinations are stored. Then, a noise level vector for any other signal can be determined by filtering the signal into a set of components, accessing the stored values and combining the values to yield a measure of the masking properties of the other signal. <IMAGE>

IPC 1-7

G10L 5/06; G10L 7/08; G10L 9/06

IPC 8 full level

G01R 29/26 (2006.01); **G10L 15/20** (2006.01); **G10L 19/02** (2013.01)

CPC (source: EP)

G10L 19/0208 (2013.01); G10L 25/18 (2013.01)

Citation (search report)

- [X] EP 0240329 A2 19871007 - NAT RES DEV [GB]
- [X] EP 0240330 A2 19871007 - NAT RES DEV [GB]
- [A] EP 0575815 A1 19931229 - ATR AUDITORY VISUAL PERCEPTION [JP]

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CN108806660A; US7013271B2; WO02101727A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0720146 A1 19960703; CA 2165352 A1 19960701; JP H08272391 A 19961018

DOCDB simple family (application)

EP 95309003 A 19951212; CA 2165352 A 19951215; JP 6096 A 19960104