

Title (en)

METHOD FOR IMPROVING SPEECH QUALITY IN SPEECH TRANSMISSION TASKS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER SPRACHQUALITÄT BEI SPRACHÜBERTRAGUNGSAUFGABEN

Title (fr)

PROCEDE POUR AMELIORER LA QUALITE SONORE DE TRANSMISSION DE LA PAROLE

Publication

EP 1279168 A1 20030129 (DE)

Application

EP 01911752 A 20010308

Priority

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Abstract (en)

[origin: US2003105626A1] A method for calculating the amplication factor, which co-determines the volume, for a speech signal transmitted in encoded form includes dividing the speech signal into short temporal signal segments. The individual signal segments are encoded and transmitted separately from each other, and the amplication factor for each signal segment is calculated, transmitted and used by the decoder to reconstruct the signal. The amplication factor is determined by minimizing the value $E(g_opt2)=(1-a)*f1(g_opt2)+a*f2(g_opt2)$, the weighting factor a being determined taking into account both the periodicity and the stationarity of the encoded speech signal.

IPC 1-7

G10L 19/14

IPC 8 full level

G10L 19/083 (2013.01); **G10L 25/78** (2013.01); **G10L 19/09** (2013.01)

CPC (source: EP US)

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Citation (search report)

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US 2003105626 A1 20030605; **US 7318025 B2 20080108**; AT E368280 T1 20070815; DE 10026872 A1 20011031; DE 10026904 A1 20020103; DE 50112765 D1 20070906; EP 1279168 A1 20030129; EP 1279168 B1 20070725; WO 0184541 A1 20011108

DOCDB simple family (application)

US 25802302 A 20021018; AT 01911752 T 20010308; DE 10026872 A 20000531; DE 10026904 A 20000531; DE 50112765 T 20010308; EP 0102603 W 20010308; EP 01911752 A 20010308