

Title (en)

METHOD FOR EQUALIZING AUDIO SIGNALS IN FIXED AND MOBILE TELEPHONY

Title (de)

VERFAHREN ZUM ENTZERREN VON AUDIOSIGNALEN BEI DER FEST- UND MOBILTELEFONIE

Title (fr)

PROCÉDÉ D'ÉGALISATION DE SIGNAUX AUDIO EN TÉLÉPHONIE FIXE ET MOBILE

Publication

EP 2401856 A1 20120104 (EN)

Application

EP 10711756 A 20100224

Priority

- IT 2010000077 W 20100224
- IT RM20090089 A 20090226

Abstract (en)

[origin: WO2010097829A1] In relation to the spectrum of the original signal transmitted by the calling telephone, the voice signal on a telephone channel, received by the receiving telephone, is subjected to a processing procedure which evaluates the composition of the frequency spectrum of the received signal and subjects it to an equalization process comprising the determination of the selective attenuation of some frequencies and the selective amplification of others, on the basis of the deformations/distortions of the signal by the transmission channel. The embodiment allows adjusting and filtering the dynamically amplified frequencies in real time, through a dedicated menu on the cell phone display. A simultaneous conversion of the speech into text is provided for greater comprehensibility.

IPC 8 full level

H04M 1/60 (2006.01); **H04M 1/247** (2006.01)

CPC (source: EP)

H04M 1/2475 (2013.01); **H04M 1/60** (2013.01)

Citation (search report)

See references of WO 2010097829A1

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Designated extension state (EPC)

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