

Title (en)

Method and system for audio rendering of a text with emotional information

Title (de)

Verfahren und System zur Audiowiedergabe eines Textes mit emotioneller Information

Title (fr)

Procédé et système pour la reproduction audio d'un texte avec des informations émotionnelles

Publication

EP 1498872 A1 20050119 (EN)

Application

EP 03291765 A 20030716

Priority

EP 03291765 A 20030716

Abstract (en)

The present invention concerns a method and a system for rendering in an audio form a text using a given Text To Speech (TTS) system, said text including symbolic signs corresponding to the mental, emotional and/or physical state or state of mind of the author and/or sender of said text. <??>Method characterised in that it consists in: subjecting said text to a first treatment wherein at least some of the symbolic signs present in said text are transcribed or translated into corresponding codes processable by the concerned TTS system (1), subjecting said pretreated text to a second treatment by said TTS system (1) wherein the textual words, sentences or expressions are translated into audio words, sentences or expressions made of associated phonetic tokens and wherein said codes are interpreted in order to adjust at least one acoustic parameter of at least one of said words, sentences or expressions, and generating, immediately or with a delay, an output acoustic signal, with the features and properties of the outputting voice being set by the adjusted parameters.

IPC 1-7

G10L 13/08

IPC 8 full level

G10L 13/08 (2006.01)

CPC (source: EP)

G10L 13/08 (2013.01)

Citation (search report)

- [X] US 2002191757 A1 20021219 - BELROSE GUILLAUME [GB]
- [A] US 2003028380 A1 20030206 - FREELAND WARWICK PETER [AU], et al
- [A] MARC SCHRÖDER: "Emotional Speech Synthesis: A Review", PROCEEDINGS EUROSPEECH 2001, vol. 1, Aalborg, pages 561 - 564, XP007005064

Cited by

CN102244788A; CN106294296A; US7983910B2; US8386265B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1498872 A1 20050119

DOCDB simple family (application)

EP 03291765 A 20030716