

Title (en)
COLLECTION AND EDITING SYSTEM FOR SPEECH DATA.

Title (de)
SAMMLUNGS- UND AUFBEREITUNGSSYSTEM FÜR SPRECHDATEN.

Title (fr)
SYSTEME D'ACQUISITION ET DE PREPARATION DES DONNEES DE PAROLE.

Publication
EP 0214274 A4 19870730 (EN)

Application
EP 86902100 A 19860224

Priority
US 70551485 A 19850225

Abstract (en)
[origin: WO8605025A1] A system for generating a sound track of digitally encoded speech from analog waveform transduced from spoken words. Speech in the form of an analog waveform is converted phrase by phrase into digital linear predictive code (19). An interactive personal computer based system is used to identify each converted phrase and store the phrases on a plurality of floppy disks during a collection operation (21). When the phrases have been collected, single disks can be operated on by another application program performing an editing function (3). Detailed editing allows the system to locate and change any parameter in any frame of a phrase thereby providing a powerful modification operation. In addition, the editing operation includes means which allow the review of frame and field parameters rapidly for automatic scanning of a phrase to find errors. After a frame of a phrase has been modified it can be reinserted in the phrase and another tested. The invention further provides means for selecting certain phrases from the total phrase storage and means for storing the selected results on floppy disks (25). Means for rearranging the selected phrases in the order desired for a sound track are additionally provided. From the selected phrases, a sound track is formed by concatenating all the selected phrases (9).

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G10L 5/00

IPC 8 full level
G10L 13/00 (2006.01); **G06F 3/16** (2006.01)

CPC (source: EP)
G06F 3/16 (2013.01)

Citation (search report)

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- [X] ELECTRONIC DESIGN, vol. 29, no. 17, 20th August 1981, pages 107-112, Waseca, MN, US; T. BRIGHTMAN: "Speech-synthesizer software generated from text or speech"
- [Y] ICASSP 80 PROCEEDINGS, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH & SIGNAL PROCESSING SOCIETY, 9th-11th April 1980, Denver, Colorado, vol. 2, pages 402-405, IEEE, New York, US; D.E. MORRIS et al.: "A new speech synthesis chip set"
- [Y] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 12, no. 5, October 1969, pages 640-642, New York, US; R. BAKIS: "Improving the fundamental frequency contour in speech synthesis"
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- See references of WO 8605025A1

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