

Title (en)
AN INTERACTIVE AUDIO PUZZLE SOLVING, GAME PLAYING, AND LEARNING TUTORIAL SYSTEM AND METHOD

Title (de)
INTERAKTIVES AUDIOSYSTEM UND VERFAHREN ZUM LÖSEN VON RÄTSELN, SPIELEN UND LERNÜBUNGEN

Title (fr)
SYSTEME ET PROCEDE AUDIO INTERACTIFS DE RESOLUTION DE DEVINETTES, DE JEU ET DE DIDACTICIEL D'APPRENTISSAGE

Publication
EP 1933955 A2 20080625 (EN)

Application
EP 06802615 A 20060830

Priority

- US 2006033842 W 20060830
- US 71224805 P 20050830

Abstract (en)
[origin: WO2007027763A2] An interactive audio puzzle solving, game playing, and learning tutorial system includes a microphone for receiving speech from a user. An electronic subsystem includes an analog-to-digital converter for converting the speech to digital signals, a speech recognition engine responsive to the analog-to-digital converter for translating the digital signals into user input data, a memory for storing the user input data, rules associated with a type of puzzle, game and/or learning tutorial, and initial data associated with a specific puzzle, game and/or learning tutorial, a logic engine for generating a decision output based on the user input data, and/or the rules and/or the initial data, a speech generation engine responsive to the decision output for providing digital speech representing the decision output, and a digital-to-analog converter for converting the digital speech to analog signals. An audio output device responsive to the analog signals converts the analog signals to output auditory speech, and wherein the speech from the user and the output auditory speech establish an interactive auditory dialogue for solving a puzzle, playing a game and/or learning from a tutorial.

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G09B 19/22 (2006.01)

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Cited by
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