

MIXED-LINGUAL TEXT TO SPEECH

ABSTRACT OF THE DISCLOSURE

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A method for mixed-lingual text to speech synthesis includes receiving (220) a mixed-lingual text string of two languages. Next, a step of separating (230) text in the text string into either: (i) a character string of syllable based characters each of the characters representing a single syllable; (ii) or a word string comprising one or more words formed by letters of the alphabet and some of the words represent more than one syllable. Phonetic units for each of the syllable based characters are assigned (240) and phonemes for each of the words are also assigned (260). Individual acoustics units for both the phonetic units and phonemes are selected (250,270) concatenated (275) and synthesized (285).

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Fig. 2 accompanies this abstract.