METHOD AND SYSTEM FOR VOICE RECOGNITION OF NAMES IN MULTIPLE LANGUAGES

ABSTRACT OF THE DISCLOSURE

A method and system (100) for voice recognition of names in multiple languages uses a plurality of language-specific letter-to-sound converters in a mixed letter-to-sound converter (105). The method according to one embodiment includes storing text on an electronic device, where the text represents a plurality of names comprising characters. At least one language for each of the names is then identified and each name is converted to an ordered sequence of phonetic units that is stored in an open vocabulary dictionary (110). Next, a spoken utterance is received at a microphone (120) associated with the electronic device and the utterance is converted into feature vectors in a feature extractor (125). The feature vectors are then matched with the ordered sequence of phonetic units of at least one name in an automatic speech recognition engine (130).

Figure 1 accompanies this abstract upon publication.