◎ Title: Multi-lingual Speech Recognition And Theme-semanteme Analysis Method And Device

Abstract	This technology is a method for multilingual speech recognition and subject semantic analysis, including execution by a speech recognizer: obtaining a pinyin string corresponding to a voice input signal according to a speech comparison table, and judging that the pinyin string corresponds to multiple languages according to a multilingual vocabulary set an original word, and form a sentence according to the multilingual vocabulary set and the plurality of original words, which include execution by a semantic analyzer: Selectively execute a correction process and a status judgment analysis process. The corrected sentence will be the output sentence until the correction process executions fail which indicates correction has been completed.
Benefits	The goal of speech recognition technology is to convert human speech content into corresponding sentences. It is widely used, including voice dialing, voice navigation, indoor device control, dictation data recording, etc. With the development of globalization, the interaction between people of different nationalities is becoming more and more frequent. In the dialogue, there are often mixed expressions of multiple languages. Therefore, the demand for multilingual speech recognition devices is also increasing. In addition to the challenges of multiple languages, the inaccurate pronunciation of the user will also cause the converted sentence result obtained by the device to be inconsistent with the semantic meaning that the user intends to express. With the above structure, this technology can be combined with special speech recognition and topic semantic analysis technology, to improve the accuracy of converting speech content into corresponding sentences.
Industry Categories	Industries related to AI technology
Patent No.	TW I731493、US 11,341,961、JP 6879521、CN 201911216220.7

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