

Speech Recognition Method using a Speech Watermarking

This technology relates to a method for speech watermarking in speaker verification for quicker and easier authentication method.

TECHNOLOGY FEATURES

This technology provides an added advantage to the current SIARAYA platform. It gives an additional step for app generation with the app generator module. This platform consist of a content delivery network or content distribution network (CDN) for high performance. This technology enables quick service to customers without the interrogation process for identification purpose. This also helps in faster reach of functionality to the target customers. This technology also can be used for speaker security and verification for any criminal or civil law purposes.

ADVANTAGES

- Quicker and easier to use authentication method
- Reduces the cost of handling transactions
- Easy verification method

INDUSTRY OVERVIEW

Prospect Industry: Content delivery network or content distribution network (CDN)

Copyright protection, information carrier, broadcast monitoring, data authentication, medical safety, music industry

This innovation is important for information and communication security in speech recognition, i.e. protecting contents from unauthorized copying and to show authenticity of the source. Overall, this invention can be placed in the content delivery network or content distribution network industry. The global content delivery network market is expected to grow from USD\$2.5 billion in 2012 to USD\$7.4 billion by 2017, at an estimated CAGR of 24.6% from 2012 to 2017. The global Content Delivery Network (CDN) market is expected to grow from USD 6.05 Billion in 2016 to USD 23.22 billion by 2021, at a Compound Annual Growth Rate (CAGR) of 30.9%. The CDN market is growing rapidly owing to the increasing volume of data consumption over the internet and the proliferation of video and rich media content over social sites. Target buyers for this invention include security specialists, government security analysts, and speech development professionals. In addition, other industries such as music industry, medical safety, and broadcast monitoring may also adopt this invention for copyright protection and data authentication purposes.



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