

Title (en)

SYSTEM AND METHOD FOR VARIABLE-TEXT SPEAKER RECOGNITION

Title (de)

SYSTEM UND VERFAHREN ZUR SPRECHERERKENNUNG MIT VARIABLEM TEXT

Title (fr)

SYSTEME ET PROCEDE DE RECONNAISSANCE DE LOCUTEUR SELON UN TEXTE VARIABLE

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Application

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Abstract (en)

[origin: WO2007048688A1] The invention proposes a system and method for text-dependent speaker recognition based on variable text, which is robust against background noise and intra-speaker variations over time. The system for speaker recognition comprises: at least one module (1) for feature extraction of an input utterance, converting the utterance into a sequence of input test feature vectors, at least one set of speaker specific multiple templates (2) comprising of a sequence of training feature vectors obtained from recorded speech during training, whereby the multiple templates are suitable for recognition of continuous input speech and means (3) for matching the sequence of feature vectors against the sets of speaker specific multiple templates (2).

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