Title (en)

DIGITAL METHOD FOR AUTHENTICATING A PERSON AND ARRANGEMENT FOR PERFORMING THE SAME

Title (de)

DIGITALES VERFAHREN ZUR AUTHENTIFIZIERUNG EINER PERSON UND ANORDNUNG ZU DESSEN DURCHFÜHRUNG

Title (fr)

PROCÉDÉ NUMÉRIQUE POUR AUTHENTIFIER UNE PERSONNE ET ENSEMBLE POUR L'EXÉCUTION DE CE PROCÉDÉ

Publication

EP 2122611 A1 20091125 (DE)

Application

EP 08708336 A 20080129

Priority

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Abstract (en)

[origin: WO2008095827A1] The invention relates to a digital method for authenticating a person by comparing a current voice profile to a previously stored initial voice profile, wherein the person speaks at least one speech sample in order to determine the respective voice profile, the spoken speech sample is fed to a voice profile computing unit, and based on a predefined voice profile algorithm the voice profile is computed. For the, or every, speech sample, a phoneme structure and a sequence of weighting factors associated with the phonemes, and/or a phonematic evaluation coefficient are determined by means of voice recognition with subsequent phonematic analysis, and the weighting factors and/or the evaluation coefficient are used to determine a confidence value of the voice profile and/or to control to whether the respectively spoken speech sample or parts thereof are fed to the voice profile computing unit.

IPC 8 full level

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Citation (search report)

See references of WO 2008095827A1

Citation (examination)

EP 0424071 A2 19910424 - LOGICA UK LTD [GB]

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