

Title (en)
BIOMETRIC AUTHENTICATION METHOD

Title (de)
BIOMETRISCHES AUTHENTIFIKATIONSVERFAHREN

Title (fr)
Pseudonymes biométriques d'un modèle de taille fixe

Publication
EP 2344979 A1 20110720 (EN)

Application
EP 09749134 A 20091112

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• EP 2009065071 W 20091112
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Abstract (en)
[origin: EP2187338A1] The present invention discloses a method for generating a biometric pseudonym, comprising the following steps: - selecting a set of zones of a biometric template, - projecting each selected template zone on an error-correcting code, to produce a set of projected template zone, - applying on each projected template zone a mathematical one-way transformation. Additionally, the present invention discloses a procedure comprising the following steps: - acquiring a plurality of biometric raw data, each one being from a different class, - producing an enrolled biometric template from each enrolled biometric raw data, - producing an enrolled biometric pseudonym from each enrolled biometric template, - storing, for each selected template zone of each enrolled biometric template: #c a class identifier, #c the difference vector between the selected template zone and the projected template zone, #c the transformed zone, #c the shape of the selected template zone, #c the dimensions of the selected template zone, and #c the position of the selected template zone.

IPC 8 full level
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CPC (source: EP US)
G06V 10/751 (2022.01 - EP US); **G06V 40/18** (2022.01 - EP US)

Citation (search report)
See references of WO 2010055104A1

Citation (examination)
• "D3.16: Biometrics: PET or PIT?", 20 August 2009 (2009-08-20), XP055052860, Retrieved from the Internet <URL:http://www.fidis.net/fileadmin/fidis/deliverables/new_deliverables2/fidis-WP3-del3.16-biometrics-PET-or-PIT.PDF> [retrieved on 20130208]
• FLORENT WENGER: "BioCrypt Project, light version", 1 August 2008 (2008-08-01), XP055053237, Retrieved from the Internet <URL:https://pdb.bfh.ch/pdbwebinterface/download.aspx?imgId=1eae31eb-3b59-466c-824c-69f5baab5955> [retrieved on 20130213]

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Designated extension state (EPC)
AL BA RS

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