

Title (en)

SYSTEM, METHOD AND APPARATUS FOR ELECTROMAGNETIC DETECTION AND ANALYSIS OF BIOMETRIC INFORMATION

Title (de)

SYSTEM, VERFAHREN UND VORRICHTUNG ZUR ELEKTROMAGNETISCHEN DETEKTION UND ANALYSE VON BIOMETRISCHEN INFORMATIONEN

Title (fr)

SYSTÈME, PROCÉDÉ ET APPAREIL PERMETTANT UNE DÉTECTION ÉLECTROMAGNÉTIQUE ET UNE ANALYSE DES INFORMATIONS BIOMÉTRIQUES

Publication

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Application

EP 13797913 A 20130530

Priority

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Abstract (en)

[origin: WO2013181361A2] An apparatus, method and system are provided for sensing at least one biometric measure of an individual. An electrical current flows through an electrode to induce an electromagnetic field. The electromagnetic field stimulates and excites the molecules associated with the sweat gland pores and causes molecular compounds to fluoresce. An image of the fluoresced dermal surface is obtained and a biometric function is performed with data derived from the image. Alternatively, sweat gland pore biometric information may be derived from variations, fluctuations or disturbances to the electromagnetic field induced by the electrical current.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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- [I] US 2003078499 A1 20030424 - EPPSTEIN JONATHAN A [US]
- [I] WO 2007009016 A2 20070118 - ATRUA TECHNOLOGIES INC [US], et al

Designated contracting state (EPC)

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