

Title (en)

METHOD AND DEVICE FOR AUTHENTICATING A USER USING THE CONDUCTIVITY OF THE HUMAN BODY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUTHENTIFIZIERUNG EINES BENUTZERS UNTER VERWENDUNG DER LEITFÄHIGKEIT DES MENSCHLICHEN KÖRPERS

Title (fr)

PROCEDE ET DISPOSITIF D'AUTHENTIFICATION D'UN UTILISATEUR UTILISANT LA CONDUCTIVITÉ DU CORPS HUMAIN

Publication

EP 3987416 A1 20220427 (FR)

Application

EP 20721655 A 20200504

Priority

- FR 1906690 A 20190620
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Abstract (en)

[origin: WO2020254026A1] The invention concerns a method for controlling the authentication of a user by an authentication device, the authentication of the user by the authentication device being implemented at least by the verification (E61), by the authentication device, that a code entered by the user on an interaction interface of the authentication device corresponds to a predetermined code associated with the user. A signal representative of at least one radio signal characteristic of at least one interaction of the user on the interaction interface of the authentication device, is received (E52) by the user's terminal. The radio signal is transmitted by an antenna of the authentication device via a channel using electromagnetic wave conduction capacities of the user's body when the user enters the code. It is verified (E55) that the at least one radio signal corresponds to a previously stored reference signal, and, in the event of a positive verification, a piece of data representative of the user's identity is transmitted (E60) to the authentication device for verification with the user's identity.

IPC 8 full level

G06F 21/32 (2013.01); **G06F 21/35** (2013.01); **H04W 12/06** (2021.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020254026A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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