

Title (en)

METHOD FOR CONTACTLESS INTERACTIONS WITH A PAYMENT TERMINAL, AND CORRESPONDING PAYMENT TERMINAL AND COMPUTER PROGRAM

Title (de)

VERFAHREN FÜR KONTAKTLOSE INTERAKTIONEN MIT EINEM ZAHLUNGSENDGERÄT SOWIE ENTSPRECHENDES ZAHLUNGSENDGERÄT UND COMPUTERPROGRAMM

Title (fr)

PROCÉDÉ D'INTERACTIONS SANS CONTACT AVEC UN TERMINAL DE PAIEMENT, TERMINAL DE PAIEMENT ET PROGRAMME D'ORDINATEUR CORRESPONDANTS

Publication

EP 4252173 A1 20231004 (FR)

Application

EP 21820579 A 20211129

Priority

- FR 2012376 A 20201130
- EP 2021083327 W 20211129

Abstract (en)

[origin: WO2022112550A1] The invention relates to a method for processing modulations of an electromagnetic field of a contactless payment terminal. Said contactless payment terminal emits an electromagnetic field to establish a near-field communication (NFC) with a user's payment device. In particular, the method comprises the following steps, which are carried out inside the payment terminal: - detecting, by means of the payment terminal, at least one modulation of the emitted electromagnetic field, the at least one modulation resulting from at least one touch of the payment device on the payment terminal, - determining a modulation frequency N of the electromagnetic field emitted by the payment terminal, said frequency N being a number greater than or equal to 1 and corresponding to N touches of the payment device on the payment terminal, - selecting at least one function on the payment terminal according to the modulation frequency N of the determined electromagnetic field.

IPC 8 full level

G06Q 20/32 (2012.01); **G06Q 20/04** (2012.01); **G07F 7/08** (2006.01)

CPC (source: EP)

G06Q 20/047 (2020.05); **G06Q 20/3223** (2013.01); **G06Q 20/3278** (2013.01); **G07F 7/0893** (2013.01)

Citation (search report)

See references of WO 2022112550A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022112550 A1 20220602; CA 3200030 A1 20220602; EP 4252173 A1 20231004; FR 3116931 A1 20220603

DOCDB simple family (application)

EP 2021083327 W 20211129; CA 3200030 A 20211129; EP 21820579 A 20211129; FR 2012376 A 20201130