

Title (en)

RADIO-FREQUENCY COMMUNICATION DEVICE COMPRISING AN ASSISTED RADIO-FREQUENCY POWER SUPPLY

Title (de)

HF-KOMMUNIKATIONSVORRICHTUNG MIT EINER UNTERSTÜTZTEN HF-STROMVERSORGUNG

Title (fr)

DISPOSITIF DE COMMUNICATION RADIOFREQUENCE COMPORTANT UNE ALIMENTATION D'ORIGINE RADIOFREQUENCE ASSISTEE

Publication

EP 2705467 A1 20140312 (FR)

Application

EP 12720467 A 20120427

Priority

- EP 11305541 A 20110506
- EP 2012057850 W 20120427
- EP 12720467 A 20120427

Abstract (en)

[origin: EP2521072A1] The device (F2) has a connection unit (3) for electrically connecting an integrated circuit component (Sim) to a primary battery (B1) and/or an external source (T). A Near field communication (NFC)controller (2) selects an electromagnetic current power supply for the component. An alternative power supply source supplies power to the component during reception of an electromagnetic field as soon as the electromagnetic power supply current received by the component is insufficient. The alternative power supply source comprises a secondary battery (b3) and/or a capacitor. An independent claim is also included for a radio-frequency communication method.

IPC 8 full level

G06K 19/07 (2006.01)

CPC (source: EP US)

G06K 19/0723 (2013.01 - EP US); **H04M 1/0262** (2013.01 - US); **G06K 19/0701** (2013.01 - US); **H04B 5/79** (2024.01 - EP US)

Citation (search report)

See references of WO 2012152606A1

Cited by

EP3757892A1; WO2020260316A1; DE212020000663U1

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

DOCDB simple family (publication)

EP 2521072 A1 20121107; EP 2705467 A1 20140312; KR 101626195 B1 20160531; KR 20140017659 A 20140211; US 2014155125 A1 20140605; US 9537984 B2 20170103; WO 2012152606 A1 20121115

DOCDB simple family (application)

EP 11305541 A 20110506; EP 12720467 A 20120427; EP 2012057850 W 20120427; KR 20137032095 A 20120427; US 201214114912 A 20120427