

Title (en)

METHOD FOR COMMUNICATION USING A READER OF PASSIVE RFID TAGS OPERATING IN BACKSCATTERING MODE

Title (de)

VERFAHREN ZUR KOMMUNIKATION MIT EINEM LESER FÜR PASSIVE, IN EINEM RÜCKSTREUUNGSMODUS OPERIERENDE RFID-ETIKETTEN

Title (fr)

PROCEDE DE COMMUNICATION PAR UN LECTEUR DE RADIO-ETIQUETTES PASSIVES FONCTIONNANT EN MODE DE RETRODIFFUSION

Publication

**EP 3053095 A1 20160810 (FR)**

Application

**EP 14790217 A 20141002**

Priority

- FR 1359621 A 20131004
- FR 2014052493 W 20141002

Abstract (en)

[origin: WO2015049465A1] The invention relates to a communication method which includes, with the reader and the RFID tags communicating via at least one first radio interface protocol including at least one protocol layer: sending (E20) the RFID tags a polling message in accordance with the first protocol and inviting the RFID tags that have data to be transmitted to a receiving entity to declare same; following the declaration by at least one RFID tag, receiving (E50) a compliant message in accordance with the first protocol from said RFID tag, including data intended for the receiving entity encapsulated according to at least one second protocol of a higher protocol layer than the protocol layer of the radio interface; extracting (E60) the message from the data encapsulated according to the second protocol; and transmitting (E70) the data encapsulated according to the second protocol to the receiving entity.

IPC 8 full level

**G06K 7/10** (2006.01)

CPC (source: EP US)

**G06F 16/955** (2018.12 - EP US); **G06K 7/10297** (2013.01 - EP US); **H04L 69/02** (2013.01 - US)

Citation (search report)

See references of WO 2015049465A1

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

DOCDB simple family (publication)

**WO 2015049465 A1 20150409**; EP 3053095 A1 20160810; FR 3011655 A1 20150410; FR 3011655 B1 20151204; US 2016321477 A1 20161103

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