

Title (en)

SIMPLIFIED ELECTRONIC MODULE FOR A SMARTCARD WITH A DUAL COMMUNICATION INTERFACE

Title (de)

VEREINFACHTES ELEKTRONISCHES MODUL FÜR EINE CHIPKARTE MIT DOPPELTER KOMMUNIKATIONSSCHNITTSTELLE

Title (fr)

MODULE ÉLECTRONIQUE SIMPLIFIÉ POUR CARTE À PUCE À DOUBLE INTERFACE DE COMMUNICATION

Publication

**EP 3114612 A1 20170111 (FR)**

Application

**EP 15713198 A 20150303**

Priority

- FR 1400545 A 20140303
- FR 2015000046 W 20150303

Abstract (en)

[origin: WO2015132485A1] The invention relates to an electronic module (1) for a smartcard with a dual, contact and contactless, communication interface, said module comprising, on the one hand, an electrically insulating substrate (3) on which are produced, on the one hand, electrical contact pads (5) enabling operation via contact with corresponding contacts of a smartcard reader, and on the other hand, contact pads (9) for connection to corresponding pads of an antenna located on the body of the smartcard and enabling a contactless operation with a remote smartcard reader, characterised in that said substrate (3) is coated with a single electrically conductive layer, especially one made of metal, located on the lower face (10) of the electronic module, and in that the upper face (11) of the electronic module, which face is intended to be flush with the external face of the smartcard, is produced by said electrically insulating substrate (3), the latter being provided with windows (15) leaving exposed all or some of said electrical contact pads (5).

IPC 8 full level

**G06K 19/077** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2015132485A1

Designated contracting state (EPC)

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