

Title (en)

SMARTCARD WITH COUPLING FRAME ANTENNA

Title (de)

CHIPKARTE MIT KOPPELRAHMENANTENNE

Title (fr)

CARTE À PUCE AVEC ANTENNE À CADRE DE COUPLAGE

Publication

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Application

EP 18714520 A 20180329

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- US 201762478589 P 20170329
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- EP 2018058251 W 20180329

Abstract (en)

[origin: WO2018178316A1] Smartcard (SC) having a card body (CB) and a conductive coupling frame antenna (CFA) extending as a closed loop circuit around a periphery of the card body, and also extending inwardly so that two portions of the coupling frame antenna are closely adjacent each other, with a gap therebetween. The gap may extend from a periphery of the card body to a position corresponding with a module antenna (MA) of a transponder chip module (TCM) disposed in the card body, and may function like a slit (S) in a coupling frame (CF). A portion of the coupling frame antenna may be arranged to surround the ISO position of the transponder chip module in the card body. A coupling frame antenna (CFA) may be incorporated onto a module tape (MT) for a transponder chip module (TCM).

IPC 8 full level

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CPC (source: EP)

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