

Title (en)
DOUBLE-SIDED ELECTRONIC MODULE FOR HYBRID SMART CARD

Title (de)
DOPPELSEITIGES ELEKTRONISCHES MODUL FÜR EINE HYBRIDE SMARTCARD

Title (fr)
MODULE ELECTRONIQUE DOUBLE FACE POUR CARTE A PUCE HYBRIDE

Publication
EP 1834352 A1 20070919 (FR)

Application
EP 05850625 A 20051228

Priority
• FR 2005003293 W 20051228
• FR 0413951 A 20041228

Abstract (en)
[origin: FR2880160A1] The module has contacts on one side, and routing traces (54) screen printed on another side and connected to through holes and chip`s bonding pads by respective ends. Routing traces (56, 58) are connected to screen printed bonding pads (57, 59) on one side and to two of chip`s pads on another side. The pads are positioned so that the pads are opposite to and connected to antenna`s bonding pads by a material forming an electric junction.

IPC 8 full level
H01L 21/60 (2006.01)

CPC (source: EP US)
G06K 19/07745 (2013.01 - EP US); **G06K 19/07747** (2013.01 - EP US); **G06K 19/0775** (2013.01 - EP US); **H01L 2224/45144** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP US); **H01L 2224/48227** (2013.01 - EP US); **H01L 2224/48228** (2013.01 - EP US); **H01L 2224/49109** (2013.01 - EP US); **H01L 2924/01057** (2013.01 - EP US); **H01L 2924/01079** (2013.01 - EP US); **H01L 2924/01087** (2013.01 - EP US)

Citation (search report)
See references of WO 2006070140A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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FR 2880160 A1 20060630; FR 2880160 B1 20070330; CN 100527161 C 20090812; CN 101095220 A 20071226; EP 1834352 A1 20070919; HK 1116919 A1 20090102; TW 200634652 A 20061001; US 2006139901 A1 20060629; WO 2006070140 A1 20060706

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FR 0413951 A 20041228; CN 200580045280 A 20051228; EP 05850625 A 20051228; FR 2005003293 W 20051228; HK 08106738 A 20080618; TW 94146597 A 20051227; US 31527305 A 20051223