

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)  
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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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