

Title (en)

INTEGRATED CIRCUIT MODULE WITH ONE SURFACE COMPRISING AN ELECTRICALLY INSULATED PERIPHERAL ZONE OF THE INTEGRATED CIRCUIT, AND MIXED CONNECTION CARD COMPRISING SUCH A MODULE

Title (de)

INTEGRIERTES SCHALTUNGSMODUL MIT EINER SEITE, DIE EINE VON DER INTEGRIERTEN SCHALTUNG ELEKTRISCH ISOLIERTE RANDZONE UMFASST, UND GEMISCHTE ANSCHLUSSKARTE, DIE EIN SOLCHES MODUL UMFASST

Title (fr)

MODULE A CIRCUIT INTEGRE AYANT UNE FACE COMPORTANT UNE ZONE PERIPHERIQUE ISOLEE ELECTRIQUEMENT DU CIRCUIT INTEGRE, ET CARTE A CONNEXION MIXTE COMPORTANT UN TEL MODULE

Publication

**EP 1099254 A1 20010516 (FR)**

Application

**EP 99957214 A 19990616**

Priority

- FR 9901437 W 19990616
- FR 9807912 A 19980623

Abstract (en)

[origin: FR2780201A1] The module (1) comprises a support film (2) with first surface (2.1) carrying the integrated circuit and internal connection pads. A second surface (2.2) carries external connection pads (5). The internal and external connection pads are connected to the integrated circuit. The film support second surface includes a peripheral zone (8) electrically isolated from the integrated circuit, extending in the region of the internal connection pads. This zone comprises a metallic layer of the same thickness as the connection pads. The module forms a card, within which there is an aerial (11).

IPC 1-7

**H01L 23/498**; **H01L 23/538**; **G06K 19/077**

IPC 8 full level

**G06K 19/077** (2006.01); **G06K 19/07** (2006.01); **H01L 23/12** (2006.01); **H01L 23/498** (2006.01); **H05K 3/32** (2006.01)

CPC (source: EP)

**H01L 23/49855** (2013.01); **H05K 3/321** (2013.01); **H01L 2224/48091** (2013.01); **H01L 2224/48227** (2013.01); **H05K 2201/09472** (2013.01); **H05K 2201/09827** (2013.01); **H05K 2201/10477** (2013.01); **H05K 2201/10719** (2013.01); **H05K 2201/10727** (2013.01)

Citation (search report)

See references of WO 9967822A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**FR 2780201 A1 19991224**; **FR 2780201 B1 20010921**; AU 4268999 A 20000110; CN 1312957 A 20010912; EP 1099254 A1 20010516; JP 2002519849 A 20020702; WO 9967822 A1 19991229

DOCDB simple family (application)

**FR 9807912 A 19980623**; AU 4268999 A 19990616; CN 99809474 A 19990616; EP 99957214 A 19990616; FR 9901437 W 19990616; JP 2000556399 A 19990616