

Title (en)
DETECTION SWITCH MOUNTED IN A CARD SOCKET

Title (de)
IN EINEM KARTENSOCKEL ANGEBRACHTER DETEKTIONSSCHALTER

Title (fr)
COMMUTATEUR DE DETECTION MONTE DANS UN LOGEMENT POUR CARTE

Publication
EP 1382233 A2 20040121 (EN)

Application
EP 02764303 A 20020423

Priority
• JP 2001123877 A 20010423
• JP 2001239471 A 20010807
• US 0212766 W 20020423

Abstract (en)
[origin: WO02087298A2] A detection switch mounted in a card socket including contact members responsive to insertion of a card into the card socket. The switch includes two or more contact members of the same design, each contact member having a switch contact formed on opposite ends. The switch contact at one end has a front contact section formed in the card width-parallel plane defining a first switch contact. The switch contact at the other end has a rear contact section formed in the card thickness-parallel direction and defines a second switch contact in confronting relation with the first contact. Insertion of the card in the card socket causes the first switch contact to move in the card width-parallel plane toward the second switch contact in the card thickness-parallel direction so that the second contact is contacted and wiped by the first contact.

IPC 1-7
H05K 5/02; **G06K 7/00**; **H01R 13/703**

IPC 8 full level
G06K 7/00 (2006.01); **H01R 13/703** (2006.01); **H05K 5/02** (2006.01)

CPC (source: EP KR)
G06K 7/0013 (2013.01 - EP); **G06K 7/0069** (2013.01 - EP); **H01R 12/71** (2013.01 - KR); **H01R 13/7031** (2013.01 - EP); **H05K 5/0286** (2013.01 - EP)

Citation (search report)
See references of WO 02087298A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02087298 A2 20021031; **WO 02087298 A3 20021219**; **WO 02087298 B1 20030612**; AU 2002307491 A1 20021105; EP 1382233 A2 20040121; KR 100527320 B1 20051109; KR 20030090775 A 20031128; TW 557015 U 20031001

DOCDB simple family (application)
US 0212766 W 20020423; AU 2002307491 A 20020423; EP 02764303 A 20020423; KR 20037013774 A 20031022; TW 91205533 U 20020423