

Title (en)
ELECTRICAL CONNECTOR WITH SHUTTER MEMBER

Title (de)
SCHLIESSVORRICHTUNG FÜR KARTENLESER

Title (fr)
CONNECTEUR ELECTRIQUE POURVU D'UN ELEMENT DE FERMETURE

Publication
EP 1500039 A2 20050126 (EN)

Application
EP 03726574 A 20030430

Priority

- JP 2002127732 A 20020430
- US 0313660 W 20030430

Abstract (en)
[origin: WO03094294A2] An electrical connector includes a dielectric housing having a receptacle for receiving a complementary mating connecting device. A shutter is pivotally mounted on the housing for pivotal movement in an angular range between a closed position blocking the receptacle and an open position allowing mating of the complementary mating connecting device. The shutter includes a pivot shaft insertable transversely into a bearing hole in the housing. The bearing hole has a given width and a restricted mouth of a width less than the given width. The pivot shaft has a major cross-dimension for rotation in the bearing hole and a minor cross-dimension for insertion through the restricted mouth to allow the pivot shaft to be inserted transversely into the bearing hole.

IPC 1-7
G06K 13/08; **H01R 12/18**

IPC 8 full level
H01R 13/62 (2006.01); **G06K 13/08** (2006.01); **H01R 12/71** (2011.01); **H01R 13/453** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP KR)
G06K 13/08 (2013.01 - EP); **G06K 13/0875** (2013.01 - EP); **H01R 12/71** (2013.01 - KR); **H01R 13/4536** (2013.01 - EP); **H01R 13/52** (2013.01 - KR); **H01R 13/62** (2013.01 - KR)

Citation (search report)
See references of WO 03094294A2

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

DOCDB simple family (publication)
WO 03094294 A2 20031113; **WO 03094294 A3 20040226**; **WO 03094294 B1 20040401**; AU 2003228803 A1 20031117; AU 2003228803 A8 20031117; CN 100383814 C 20080423; CN 1650322 A 20050803; EP 1500039 A2 20050126; JP 2003323937 A 20031114; KR 100659930 B1 20061221; KR 20040108762 A 20041224

DOCDB simple family (application)
US 0313660 W 20030430; AU 2003228803 A 20030430; CN 03809809 A 20030430; EP 03726574 A 20030430; JP 2002127732 A 20020430; KR 20047017411 A 20030430