

Title (en)
Connector with circuit board

Title (de)
Steckverbinder mit Platine

Title (fr)
Connecteur à fiche doté d'une platine

Publication
EP 2037541 A3 20091230 (DE)

Application
EP 08164225 A 20080912

Priority
DE 102007043887 A 20070914

Abstract (en)
[origin: EP2037541A2] The plug connector (1) has multiple wrap pins (3) and a housing (2) in which the wrap pins are arranged. The wrap pins consist of a collar (16) which is arranged between two insulators for the transmission of forces in axial direction of the wrap pins. The insulators are arranged in axial direction with form closure in the housing. A plate (5) is arranged in the housing with discrete electrical components (26) and with one of the wrap pins electrically connected to it. The plate is mechanically decoupled to the wrap pins or to the housing.

IPC 8 full level
H01R 13/426 (2006.01); **H01R 13/631** (2006.01); **H01R 13/66** (2006.01); **H01R 13/658** (2011.01); **H01R 13/719** (2011.01)

CPC (source: EP)
H01R 13/426 (2013.01); **H01R 13/6658** (2013.01); **H01R 13/6315** (2013.01); **H01R 13/6583** (2013.01); **H01R 13/6599** (2013.01); **H01R 13/6625** (2013.01); **H01R 13/6633** (2013.01); **H01R 13/719** (2013.01)

Citation (search report)

- [XY] EP 0390426 A2 19901003 - OXLEY DEV CO LTD [GB]
- [X] EP 0410769 A1 19910130 - THOMAS & BETTS CORP [US]
- [X] US 5599208 A 19970204 - WARD BOBBY G [US]
- [YD] DE 19944909 A1 20010315 - HEIDENHAIN GMBH DR JOHANNES [DE]
- [YA] US 2006172601 A1 20060803 - FAULKNER NEIL [FR]

Cited by
CN102916292A; CN113889811A; CN108039604A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2037541 A2 20090318; **EP 2037541 A3 20091230**; DE 102007043887 A1 20090416

DOCDB simple family (application)
EP 08164225 A 20080912; DE 102007043887 A 20070914