

Title (en)
Swivelling circuit board plug-in connector

Title (de)
Schwenkbarer Leiterkartensteckverbinder

Title (fr)
Connecteur à fiche de cartes conductrices pivotant

Publication
EP 2068403 A3 20120404 (DE)

Application
EP 08020415 A 20081125

Priority
DE 102007059254 A 20071208

Abstract (en)
[origin: CN101453069A] The present invention relates to a pivoting printed board connector. In order to realize the electric contacting of two parallel printed boards, the invention proposes a printed board connector that features coaxial plug modules realized in the form of pin and socket contacts. For this purpose, it is proposed that the two plug modules have such a design that they can be turned and tilted about their central mating axis within a certain range on the printed board in order to compensate misalignments or deviations between the positions of the printed boards relative to one another. It is furthermore proposed to realize certain distances between the printed boards by means of plug modules of different lengths on the pin side.

IPC 8 full level
H01R 13/631 (2006.01); **H01R 12/71** (2011.01)

CPC (source: EP US)
H01R 12/52 (2013.01 - EP US); **H01R 13/6315** (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

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FR2990069A1

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)
DE 102007059254 B3 20090430; CN 101453069 A 20090610; CN 101453069 B 20120321; EP 2068403 A2 20090610; EP 2068403 A3 20120404; EP 2068403 B1 20130327; US 2009149086 A1 20090611; US 7717716 B2 20100518

DOCDB simple family (application)
DE 102007059254 A 20071208; CN 200810179688 A 20081205; EP 08020415 A 20081125; US 27070208 A 20081113