

Title (en)

RF CONNECTOR FOR CONTACTING A PRINTED CIRCUIT BOARD

Title (de)

HF-VERBINDER ZUM KONTAKTIEREN EINER GEDRUCKTEN LEITERPLATTE

Title (fr)

CONNECTEUR RF POUR CONTACTER UNE CARTE DE CIRCUIT IMPRIMÉ

Publication

EP 4184728 A1 20230524 (EN)

Application

EP 21208997 A 20211118

Priority

EP 21208997 A 20211118

Abstract (en)

An RF connector for contacting a printed circuit board (PCB) comprises an RF socket configured to be mounted to the PCB, the RF socket providing a coaxial terminal with a first diameter; a port flange configured to be plugged on the RF socket and providing a plug-in port with a second diameter for receiving another RF connector to be contacted to the RF socket, the second diameter being larger than the first diameter; and a centering nut configured to be disposed between the RF socket and the port flange for centering the port flange with respect to the RF socket, wherein the centering nut has an inner diameter corresponding to the first diameter of the RF socket and an outer diameter corresponding to the second diameter of the port flange.

IPC 8 full level

H01R 24/52 (2011.01); **H01R 24/50** (2011.01); **H01R 24/54** (2011.01); **H01R 103/00** (2006.01)

CPC (source: EP)

H01R 24/50 (2013.01); **H01R 24/52** (2013.01); **H01R 24/542** (2013.01); **H01R 2103/00** (2013.01)

Citation (applicant)

- EP 3432424 A1 20190123 - SPINNER GMBH ELEKTROTECH [DE]
- WO 2020006195 A1 20200102 - JOHN MEZZALINGUA ASS LLC [US]

Citation (search report)

- [A] US 6824392 B1 20041130 - GUO PONY [TW]
- [A] JP 2011134720 A 20110707 - FUJITSU GENERAL LTD
- [A] GB 2512822 A 20141015 - CAMBRIDGE ELECTRONIC IND LTD [GB]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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