

Title (en)  
MULTI-WAY RADIO FREQUENCY INTERFACE AND CONNECTOR

Title (de)  
MEHRWEGFUNKFREQUENZSCHNITTSTELLE UND VERBINDER

Title (fr)  
INTERFACE ET CONNECTEUR RADIOFRÉQUENCE MULTIVOIE

Publication  
**EP 4297194 A1 20231227 (EN)**

Application  
**EP 22180844 A 20220623**

Priority  
EP 22180844 A 20220623

Abstract (en)  
A new system for connecting multiple RF connectors in RF systems, particularly for use in satellite payloads, is proposed. The described system reduces assembly time and improves reliability, by combining a plurality of RF connections within a housing of a connector which is fastened to a corresponding housing of a further connector. Also provided is an interface device, for adding functionality to the connections described.

IPC 8 full level  
**H01R 13/434** (2006.01); **H01R 13/621** (2006.01); **H01R 13/719** (2011.01); **H01R 24/52** (2011.01); **H01R 31/06** (2006.01); **H01R 101/00** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP)  
**H01R 13/434** (2013.01); **H01R 13/6215** (2013.01); **H01R 13/719** (2013.01); **H01R 24/52** (2013.01); **H01R 31/06** (2013.01); **H01R 2103/00** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

- [XYI] EP 3829006 A1 20210602 - SPINNER GMBH ELEKTROTECH [DE]
- [YA] US 2021226392 A1 20210722 - PAYNTER JEFFREY D [US], et al
- [XAY] EP 0003162 A1 19790725 - AMP INC [US]
- [A] US 6743052 B1 20040601 - LIN HSIEN-CHU [TW], et al

Cited by  
CN118174059A

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)  
**EP 4297194 A1 20231227**

DOCDB simple family (application)  
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