

Title (en)

U-link connector for RF signals with integrated bias circuit

Title (de)

U-Link-Verbinder für HF-Funksignale mit integrierter Vorspannungsschaltung

Title (fr)

Connecteur en U pour signaux RF intégrés avec circuit de polarisation

Publication

EP 2843776 B1 20180926 (EN)

Application

EP 14182135 A 20140825

Priority

- EP 13182039 A 20130828
- EP 14161949 A 20140327
- EP 14182135 A 20140825

Abstract (en)

[origin: EP2843775A1] In radio stations the antenna cables are subject to long-term degradation or failure due to electrical, mechanical and environmental stress. To avoid severe damage, which may result in a breakdown of the station, a monitoring of the antenna cables and/or antennas is desired. A U- link connector is provided for simple refurbishment of the radio stations by simple exchanging existing U- link connectors. The U- link connector comprises a bias tee circuit, by which a DC signal can be coupled into the antenna cable for a cable test, which may even be performed during operation of an attached transmitter.

IPC 8 full level

H01R 24/42 (2011.01); **H01R 103/00** (2006.01)

CPC (source: EP)

H01R 24/42 (2013.01); **H01R 2103/00** (2013.01); **H01R 2201/02** (2013.01); **H01R 2201/20** (2013.01)

Citation (examination)

- US 6139369 A 20001031 - ARWIDI VIKTORIA [SE], et al
- EP 0230746 A2 19870805 - ADC TELECOMMUNICATIONS INC [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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