

Title (en)

DEVICE FOR CARRYING OUT WIDE-BAND ELECTRICAL SIGNAL TRANSMISSION WITH A MOBILE DIRECTIONAL COUPLER

Title (de)

VORRICHTUNG ZUR BREITBANDIGEN ELEKTRISCHEN SIGNALÜBERTRAGUNG MIT BEWEGLICHEM RICHTKOPPLER

Title (fr)

DISPOSITIF POUR LA TRANSMISSION ELECTRIQUE DE SIGNAUX A BANDE LARGE A COUPLEUR DIRECTIONNEL MOBILE

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Application

EP 01947130 A 20010507

Priority

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Abstract (en)

[origin: WO0186899A1] The invention relates to a device for carrying out wide-band signal or power transmission between at least two units that can be moved in relation to one another along any trajectory. Said device is comprised of a first unit, which contains a symmetric open conductor structure consisting of a multitude of dummy elements closed at both ends in a reflection-free manner. The device also comprises at least one second unit containing a coupling unit for injecting or decoupling electrical signals. The invention is characterized in that the at least one second unit, which can move in relation to the first unit, comprises a driver stage for injecting signals into the first unit, and this unit at least occasionally injects signals into the conductor structure of the first unit.

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